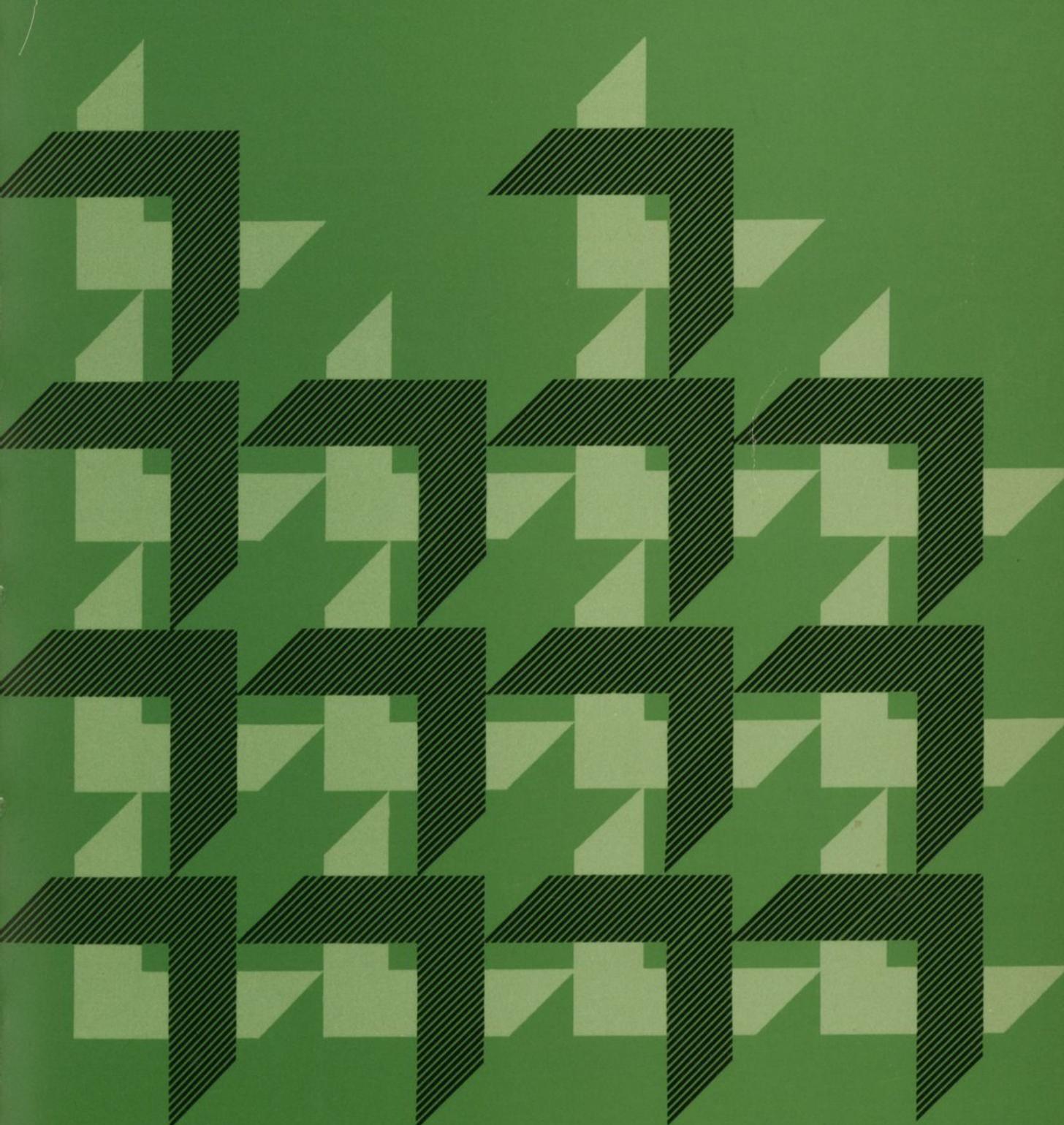




# Seasonally Adjusted Indicators, Australia, 1981

Australian Bureau of Statistics  
Canberra, Australia



## SEASONALLY ADJUSTED INDICATORS, 1981

### ADDENDUM

In the time between the preparation and release of this publication many new and revised figures have become available. With the exception of minor revisions they are listed below.

Page	Series	Date	Original	Seasonally Adjusted
<b>Mineral Production —</b>				
3	Black coal ('000 tonnes)	November January	1980 1981	r8,818 6,343
				r8,136 8,794
<b>Agricultural Production —</b>				
6	Brokers' and Dealers' Receivals of Taxable wool	February	1981	35,103
				44,205
<b>Manufacturing Production —</b>				
7	Electricity (million kilowatt hours)	February March April	1981 1981 1981	r7,521 8,326 7,910
				r8,479 8,616 8,467
8	Gas (million megajoules)	February March April	1981 1981 1981	r27,424 32,491 32,162
				r33,625 36,057 34,499
9	Raw steel ('000 tonnes)	March April	1981 1981	690 678
				669 732
10	Cement ('000 tonnes)	March April	1981 1981	538 538
				523 541
11	Clay bricks (million)	March April	1981 1981	207 189
				194 195
12	Motor vehicles (number)	March April	1981 1981	32,400 29,400
				29,700 31,500
13	Electric motors under 720 watts ('000)	February March April	1981 1981 1981	r291 305 285
				r313 287 318
14	Domestic refrigerators (number)	March April	1981 1981	34,600 23,500
				33,600 30,900
15	Television sets (number)	March April	1981 1981	36,700 31,300
				34,900 32,700
16	Floor coverings ('000 sq. metres)	March April	1981 1981	3,145 2,576
				2,908 2,840
17	Particle board ('000 cubic metres)	March April	1981 1981	64.1 63.8
				60.2 60.6
18	Cotton woven cloth ('000 sq. metres)	March April	1981 1981	3,837 3,938
				4,049 4,652
19	Synthetic fibre woven cloth ('000 sq. metres)	March April	1981 1981	10,959 9,741
				10,541 10,836
20	Woollen Yarn ('000 kilograms)	February March April	1981 1981 1981	r1,755 1,770 1,673
				r1,654 1,595 1,754
21	Beer (million litres)	December January March April	1980 1981 1981 1981	r209.7 r202.9 168 155
				r165.5 r201.7 153 159
22	Tobacco and cigarettes (tonnes)	March	1981	2,961
23	Confectionery (tonnes)	March April	1981 1981	11,907 10,158
				10,762 10,838
<b>Balance of Payments —</b>				
Balance of payments, current account —				
24	Exports f.o.b. (\$ million)	September qtr December qtr March qtr June qtr September qtr December qtr March qtr September qtr December qtr March qtr	1979 1979 1980 1980 1980 1980 1981 1980 1980 1981	r4,092 r4,854 r4,782 r4,854 r4,581 r4,831 4,540 r4,651 r4,727 4,796
				r4,195 r4,740 r4,891 r4,740 r4,708 r4,709 4,644 r4,637 r4,682 4,689
25	Imports f.o.b. (\$ million)	September qtr December qtr March qtr	1980 1980 1981	r4,651 r4,727 4,796

Page	Series	Date	Original	Seasonally Adjusted	
<b>Balance of Payments – continued</b>					
26	Balance of trade (\$ million)	September qtr December qtr March qtr June qtr September qtr December qtr March qtr December qtr	1979 1979 1980 1980 1980 1980 1981 1978	r510 r893 r546 r802 r-70 r104 -257 r840	r633 r798 r749 r552 r71 r27 -44 r786
27	Invisible credits (\$ million)	March qtr June qtr September qtr December qtr March qtr June qtr September qtr December qtr March qtr June qtr September qtr December qtr March qtr December qtr	1979 1979 1979 1979 1980 1980 1981 1978 1979 1980 1980 1981 1980	r796 r811 r859 r986 r995 r988 r1,023 r1,144 1,082 r1,704 r1,807 r1,878 r1,877 r2,030 r2,009 r2,232 r2,129 r2,161 2,240 r-897	r795 r847 r872 r931 r995 r1,027 r1,044 r1,077 1,064 r1,712 r1,881 r1,772 r1,923 r2,023 r2,080 r2,114 r2,187 r2,182 2,324 r-1,025
28	Invisible debits (\$ million)	March qtr June qtr September qtr December qtr March qtr June qtr September qtr December qtr March qtr June qtr September qtr December qtr March qtr December qtr	1979 1979 1979 1979 1980 1980 1981 1978 1979 1980 1980 1981 1980	r-590 r-509 r-151 r-468 r-442 r-1,175 r-913 -1,415	r-659 r-417 r-294 r-336 r-535 r-1,072 r-1,078 -1,304
29	Balance on current account (\$ million)	March qtr June qtr September qtr December qtr March qtr June qtr September qtr December qtr March qtr December qtr	1979 1979 1979 1979 1980 1980 1980 1980 1981 1978	r-777 r-590 r-509 r-151 r-468 r-442 r-1,175 r-913 -1,415	r-701 r-659 r-417 r-294 r-336 r-535 r-1,072 r-1,078 -1,304
<b>Retail Trade –</b>					
Quarterly retail sales –					
Food and drink –					
40	At current prices (\$ million)	December qtr	1980	4,326.5	4,026.6
41	At constant prices (\$ million)	December qtr	1980	2,315.9	2,154.8
Clothing, hardware, electrical and furniture –					
42	At current prices (\$ million)	December qtr	1980	3,206.8	2,737.8
43	At constant prices (\$ million)	December qtr	1980	1,990.9	1,702.0
All other goods –					
44	At current prices (\$ million)	December qtr	1980	1,699.3	1,429.3
45	At constant prices (\$ million)	December qtr	1980	980.4	826.0
All items –					
46	At current prices (\$ million)	December qtr	1980	9,232.6	8,193.7
47	At constant prices (\$ million)	December qtr	1980	5,287.2	4,682.8
48	Monthly retail sales – All items (\$ million)	October November December January February March April	1980 1980 1980 1981 1981 1981 1981	r2,734.5 r2,746.7 r3,751.4 r2,630.0 r2,470.0 2,682.0 2,716.0	r2,652.7 r2,727.7 r2,791.8 r2,782.0 r2,796.0 2,849.0 2,807.0

<i>Page</i>	<i>Series</i>	<i>Date</i>	<i>Original</i>	<i>Seasonally Adjusted</i>
	<b>Motor Vehicle Registrations –</b>			
	Registrations of new motor vehicles –			
49	Cars and station wagons (number)	March April	1981 1981	138,674 37,227
50	Other vehicles (number)	March April	1981 1981	12,385 11,698
51	Total (number)	March April	1981 1981	51,059 48,925
				137,716 36,810 12,280 11,922 149,996 48,732
	<b>Wine –</b>			
	Sales of Australian wine by winemakers –			
52	Table wine ('000 litres)	March	1981	14,088
53	Total wine ('000 litres)	March	1981	19,072
				14,615 20,808
	<b>Building –</b>			
	Building approved –			
54	New private dwellings approved (number)	March	1981	13,621
55	Value of total building approved (\$ million)	March	1981	875.6
				12,490 836.1
	Building commenced –			
56	New private dwellings commenced (number)	September December March June September December	1979 1979 1980 1980 1980 1980	30,307 29,700 31,502 31,009 36,017 32,400
				29,204 31,256 32,046 30,121 34,751 34,100
	Value of –			
57	Total new dwellings commenced (\$ million)	September	1980	1,397.6
58	Other building commenced (\$ million)	September	1980	944.4
59	Total building commenced (\$ million)	September	1980	2,479.0
				1,324.4 916.7 2,376.5
	Building completed –			
61	Value of total building completed (\$ million)	September	1980	1,966.6
				1,973.9
	Value of work done on –			
62	New houses (\$ million)	September	1980	1,103.6
63	Total new dwellings (\$ million)	September	1980	1,395.5
64	Other building (\$ million)	September	1980	999.2
65	Total building (\$ million)	September	1980	2,523.4
				1,053.5 1,331.4 960.0 2,426.0
	<b>Capital Expenditure –</b>			
	New fixed capital expenditure by private enterprises –			
66	New Buildings and structures (\$ million)	December qtr March qtr	1980 1981	1,924.4 855.1
67	Other new capital equipment (\$ million)	December qtr March qtr	1980 1981	2,377.1 2,029.5
68	Mining (\$ million)	December qtr March qtr	1980 1981	415.5 440.6
69	Manufacturing (\$ million)	December qtr March qtr	1980 1981	995.6 847.6
70	Finance, insurance, real estate and business services (\$ million)	December qtr March qtr	1980 1981	1,255.1 1,043.9
71	Other industries (\$ million)	December qtr March qtr	1980 1981	635.4 552.6
72	Total new fixed capital expenditure (\$ million)	December qtr March qtr	1980 1981	3,301.6 2,884.6
				1,223.0 1,209.9 545.7 663.5 3,056.0 3,358.9
	<b>Taxation Revenue –</b>			
73	Commonwealth and State Government Consolidated Revenue Funds (\$ million)	February	1981	3,056.0
				3,055.6

Page	Series	Date	Original	Seasonally Adjusted
<b>Money Supply —</b>				
<b>Volume of money —</b>				
74	Definition M1 (\$ million)	March	1981	16,878
75	Definition M2 (\$ million)	March	1981	32,184
76	Definition M3 (\$ million)	March	1981	55,089
<b>Banking —</b>				
<b>Savings banks —</b>				
77	Depositors balances (\$ million)	March	1981	22,833.3
		April	1981	22,551.5
<b>Major trading banks —</b>				
78	Total deposits (\$ million)	March	1981	125,042.8
		April	1981	125,355.8
79	Loans, advances and bills discounted (\$ million)	April	1981	19,457.0
80	Liquid assets and Australian Government Securities (\$ million)	April	1981	5,601.5
81	New and increased lending commitments (\$ million)	April	1981	186.9
<b>Housing Finance —</b>				
Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings —				
Construction of dwellings and purchase of newly erected dwellings —				
82	Savings banks (number)	March	1981	10,477
83	Trading banks (number)	March	1981	3,728
84	Permanent building societies (number)	March	1981	5,533
Construction of dwellings and purchase of new and established dwellings —				
85	Savings banks (\$ million)	March	1981	258.6
86	Trading banks (\$ million)	March	1981	80.2
87	Permanent building societies (\$ million)	March	1981	185.5

r — revised

**R. J. CAMERON**  
Australian Statistician



# **Seasonally Adjusted Indicators, Australia, 1981**

AUSTRALIAN BUREAU OF STATISTICS  
CANBERRA, AUSTRALIA

R.J.CAMERON  
*AUSTRALIAN STATISTICIAN*

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## INTRODUCTION

1. This annual publication presents in seasonally adjusted form selected statistical indicators of Australian economic activity. Presentation of series in seasonally adjusted form serves as an aid in statistical interpretation and analysis. The series are shown as originally compiled and as seasonally adjusted, both in tabular and graphical form, covering where possible the past fifteen years. Selected seasonally adjusted series are also presented on semi-logarithmic charts to facilitate comparisons of rates of growth in series of differing magnitude.

2. Most of the series included in the 1980 edition have been retained. New series include *brokers' and dealers' receipts of taxable wool, woollen yarn production, average weekly ordinary time earnings, volume of money — definition M<sub>2</sub>, liquid assets and Australian Government securities, gross domestic product at factor cost and indirect taxes less subsidies*. The three *housing finance for owner occupation* number series included in the 1980 edition (*construction of dwellings and purchase of newly erected dwellings*) have been replaced by the equivalent series for *construction of dwellings and purchase of new and established dwellings*. The following series have been replaced in this issue : *recorded trade (total exports and total imports), official reserve assets, civilian employees (all series) and stocks owned by private manufacturing enterprises at current and average 1974-75 prices*.

3. The seasonally adjusted series published by the ABS are calculated by electronic computer methods. The basic seasonal analysis program employed is the X-11 variant of the U.S.Bureau of the Census Method II seasonal adjustment program, a brief outline of which may be found in the following notes on 'Seasonal Adjustment Methods'. The tables and graphs presented have been reproduced directly from computer output produced by means of ancillary programs developed by the ABS.

4. In most instances, the aim in compiling monthly or quarterly economic time series is to provide evidence of movement — to indicate the effects changing conditions are having on the activity being described, and in so doing, signal what might be likely to occur in the near future. Seasonal adjustment is a technique designed to aid these processes of analysis and interpretation.

5. The technique itself is based on the fact that most economic time series exhibit regular or predictable fluctuations associated with the calendar. Such fluctuations may occur for a variety of reasons. They may simply be expressions of the round of the seasons and related weather conditions, e.g. the production of many rural commodities, and the fact that consumption of electricity is much higher in winter than in summer. On the other hand they may reflect traditional behaviour associated with the calendar and the various social, business and administrative procedures attached to it. Thus taxation revenue has tended to be high in the second quarter and fall heavily in July, while savings

bank deposits are usually relatively low over the second quarter of the year and thereafter rise up to a peak in the latter part of the year. The effects of Christmas and the associated holiday season can be identified in most economic time series. In addition there are the effects that variations in the number and composition of days in the month (or quarter) have on a monthly (or quarterly) series. The effects of these trading-day variations can be estimated and removed along with the seasonal.

6. It should be noted that seasonally adjusted figures include short-term fluctuations which are not linked to the calendar in any predictable way. The effects of such spasmodic events as industrial disputes or unusual weather conditions are still present in the adjusted figures, as are statistical errors of measurement such as sampling errors. Moreover most series are subject in varying degrees to erratic ebbs and flows characteristic of the activity being described. The presence of these irregular components in the adjusted series should be borne in mind in interpreting short term movements in the seasonally adjusted figures. Particular points to be considered when using seasonally adjusted figures are listed in the section on 'Interpretation of Seasonally Adjusted Statistics'.

7. Explanatory notes on the nature of the statistical series *included in this publication* are given in Appendix A, together with references to publications containing more detailed information.

8. It should be recognised that seasonal adjustment may be carried out by a number of accepted procedures, each of which can be expected to yield results differing in greater or lesser degree from each other. Accordingly, in interpreting particular seasonally adjusted statistics, it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject. The explanation given in the notes on 'Seasonal Adjustment Methods', together with details given in Appendix B of the specific method of adjustment employed for each Australian adjusted series published by the ABS (and certain other organisations), is intended to serve these purposes. To assist further in interpreting particular seasonally adjusted series, details of selected measures of variability for all Australian series published in seasonally adjusted form by the ABS (and certain other organisations) are provided in Appendix C. Also included in Appendixes B and C are details of the methods of adjustment used and selected measures of variability for seasonally adjusted State series, where these are published for most States.

9. Further seasonally adjusted figures for each of the series included in this publication, and other series adjusted by the ABS, will be published as they become available in the relevant monthly and quarterly publications of the ABS (and certain other organisations). Current figures for most of these series are also published in the *Monthly Summary of Statistics, Australia* (1304.0) and a selection are included in the *Digest of Current Economic Statistics, Australia* (1305.0).

10. All of the series referred to in Appendix C are released on magnetic tape and microfiche on a quarterly basis (Catalogue Number 1311.0). In addition to these series, which are presented in both original and

seasonally adjusted form, a number of important unadjusted series are also included. Further information on this service can be obtained by ringing the Time Series User Contact Officer on Canberra 526636.

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Australian Bureau of Statistics  
Belconnen, A.C.T. May 1981

## SEASONAL ADJUSTMENT METHODS

### Introduction

1. It is often useful and sometimes necessary in interpreting monthly and quarterly statistical series to recognise and take account of the element of variation due to what are commonly known as seasonal influences. As a supplement to personal judgement, statistical techniques can be used to evaluate the effects of normal seasonal influences operating on a series. This kind of evaluation does not call for subjective judgement except in the choice of the appropriate statistical techniques. The techniques are called seasonal analysis, and they are designed to enable the series to be seasonally adjusted, that is, to have the estimated effects of normal seasonal influences removed from them.

2. Normal seasonal influences on statistical series are those influences that tend to recur regularly once or more a year. Not all statistical series are affected by seasonal influences in a manner regular enough to be called 'normal'; if they are not they cannot usefully be seasonally adjusted. Those that are seasonally affected usually reflect the influence of the seasons themselves, either directly or through production series related to them (such as farm production), or social conventions (such as the incidence of holidays) or administrative practices (such as the timing of tax payments). Many series also reflect differences in the composition of the months (or quarters), in terms of the number of trading-days and the accounting practices adopted.

3. It is important that users have a clear understanding of what has been removed from the series by seasonal adjustment, and the limitations to which the seasonally adjusted series are subject. It is hoped that these introductory notes will help to achieve this object.

### Basic processes of seasonal adjustment, simple methods

4. The basic concepts underlying the seasonal adjustment methods employed by the ABS are best explained by reference to the simpler methods in use before the introduction of computers. These illustrate basic processes common to most seasonal adjustment methods.

5. Most series are seasonally adjusted by dividing the original figures by factors which represent in ratio form the effects of normal seasonal influences on the various months in that series. Such adjustment is called *multiplicative*. Less common is *additive* adjustment, in which estimated seasonal *differences* are subtracted from the original series.

6. In estimating seasonal adjustments, it is first necessary to calculate *trend* values for each month (or quarter) in the series. A simple estimate of trend is the centred twelve-month moving average of the original series. A twelve-month moving average of the original series is another series, each term of which is the average of twelve consecutive monthly figures in the original series. The centre of this moving average would fall between the sixth and seventh month. To make it coincide with a particular month, the average is then

taken of all pairs of consecutive months in the moving average series itself. This second moving average is called a centred twelve-month moving average, and is equivalent to a  $2 \times 12$ -term moving average, that is, a two-term moving average of a twelve-term moving average. The corresponding simple estimate of trend for a quarterly series is obtained by a  $2 \times 4$ -term moving average.

7. A set of ratios (larger or smaller than one) or differences (plus or minus) may be obtained by dividing the original series by the trend figures, or by subtracting the trend figures from the original figures. The ratios or differences so obtained are known as *seasonal-irregular* ratios or differences and are considered to include both normal seasonal influences and other, irregular, effects peculiar to the month or quarter in question. The effect of normal *seasonal* influences for each of the twelve months (four quarters) of the year is estimated as an average of the seasonal-irregular ratios or differences for that month (quarter) of successive years. The average ratios or differences are referred to as seasonal factors or seasonal differences. They may be used to adjust the original series for the normal seasonal movement of which they are estimates, thereby giving a seasonally adjusted series.

### Seasonally adjusted figures as combination of trend and irregular components

8. These simple methods reflect the assumption underlying most seasonal adjustment methods, namely, that the original series can be represented by three components: *trend*, *seasonal* and *irregular*. Removing the trend (either by division or subtraction) leaves the seasonal-irregulars. The seasonal (for each month or quarter of the year) is derived from these by averaging them, in order to 'cancel out' irregulars. The irregular can be isolated in turn by removing both the trend and the seasonal from the original figure. It is to be noted that the existence of a seasonal as a component of a figure in a statistical series is merely an assumption. The 'true' seasonal, if it exists, is not known, and the methods available only enable it to be estimated. Similarly, the trend is only the estimated trend, as the 'true' trend is not known. The irregular depends entirely on the value of the estimates of seasonal and trend.

9. The most important inference to be drawn is that seasonally adjusted series reflect irregulars as well as trend. Therefore, they may not be the 'smooth' series the user may expect, and they can be used only approximately as measures of trend. An apparent change of direction from one month to another may have been due to the irregular component, not to a change of trend, and the series may resume its former movement the following month. Therefore, to determine whether a given change of direction in a seasonally adjusted series is a 'downturn' or an 'upturn' in the trend, requires judgement on the part of the user, which must be based either on accurate knowledge of the influences affecting the series or on the extent to which the adjusted series has shown irregular movements in the past.

10. It may be noted in passing that a particular kind of irregular movement occurs if there is a temporary change in seasonal influence. For example, unemployment may increase each year as the fruit-picking season ends, but the season may end a month early in one year. The resulting rise in unemployment may, therefore, not be offset by seasonal adjustment until the following month, when unemployment would be expected to increase according to the normal seasonal pattern. Therefore, the seasonally adjusted figures will show an irregular increase, followed by an irregular decrease a month later.

#### Census Method II, X-11 Variant

11. The ABS has adopted for its standard methods of seasonal adjustment, the X-11 Variant of the Census Method II Seasonal Adjustment Program and its companion quarterly program X-11Q. Some minor changes have been made to the basic programs in the Australian Bureau of Statistics, and they have been extended to meet specific Australian requirements and to facilitate automatic presentation of results in the format preferred by the ABS. No more than a general outline of the features of these programs is offered in this note. For further details, reference should be made to *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, United States Department of Commerce, Bureau of the Census, February 1967.

#### Features of the X-11 programs

12. These programs are essentially elaborations of the classical ratio-to-moving-average methods of seasonal adjustment, incorporating features specifically designed to overcome short-comings of simpler methods. The minimum time span of data required for seasonal adjustment using the X-11 program is three years for both monthly and quarterly series. In practice a longer time span is required in order to estimate seasonal factors with sufficient reliability. The span required varies from series to series depending on the degree of irregularity and the stability and magnitude of the seasonal pattern.

13. The more important features of the monthly X-11 program may be summarised as follows :

- (a) It provides for additive as well as multiplicative adjustment.
- (b) It yields improved trend estimates by applying an appropriate moving average (chosen automatically from three alternatives of different lengths and weights) to preliminary seasonally adjusted values, thereby reducing the effects of any residual trend on estimates of seasonal and irregular components. Trend estimates are made for each month of the series and thus permit estimates of seasonal-irregulars over the entire series (including the first and last six months).

- (c) It identifies extreme values and modifies them before making final estimates of seasonal factors and trend values.
- (d) It allows for gradual changes of seasonal pattern from year to year, estimating seasonals for each period as an appropriate weighted moving average of seasonal-irregulars for months of the same name. Four alternative weighted moving averages are provided, for series of differing degrees of irregularity.
- (e) It estimates forward factors for the twelve months after the latest figure of the series, thus enabling adjustment of additional figures for up to a year without re-analysis.
- (f) It provides for 'trading-day' adjustments and for the estimation of such adjustments from the series itself.
- (g) It allows for optional prior adjustment of the series before analysis, to permit adjustment for influences not otherwise provided for. This facility can be used, among other things, to adjust for the changing effects of holidays such as Easter which may differently affect months in successive years.
- (h) It provides as an option a further procedure designed to prevent the seasonal adjustment from being distorted by the effects of any severe industrial disputes or other major irregular occurrences.
- (i) It provides a range of summary measures which can be useful in selecting from among the various options available for the adjustment of the series and in interpreting movements in the adjusted series.
- 14. The companion X-11Q program used for quarterly series is similar in its features but does not provide for the estimation of trading-day adjustments, or for alternative types of weighted moving averages in the estimation of seasonal factors and trend. However trading-day adjustments are calculated for some quarterly series published by the ABS by prior analyses.
- 15. The programs proceed by iteration. The series is firstly adjusted by any prior adjustments or preliminary trading-day adjustments. The initial centred twelve-month or four-quarter moving average is used to derive provisional seasonal factors and a provisional seasonally adjusted series. This series is then subjected to trend-fitting; seasonal factors are re-estimated; a new seasonally adjusted series is obtained and the trend is removed to obtain irregulars; if required, residual trading-day variation is estimated and removed from the irregulars; extreme irregulars are identified and modified; and the process is repeated with trend being re-estimated from a modified original series. Because seasonal, trend

and irregular are complementary parts of a whole, any improvement affected by the process of iteration in the estimate of one part improves the others.

#### Summary of X-11 program options

16. A wide variety of seasonal adjustment procedures is permitted by either program. This is to suit the widely differing characteristics of series with regard to the magnitude of the trend, seasonal and irregular components of variation and some spasmodic influences which may affect series. The following is a brief account of the available program options and the way in which they are applied.

- (a) *Additive or multiplicative adjustment.* For economic series which have only positive values, seasonal variations usually tend to be proportional to trend. Therefore, the multiplicative method is usually the more appropriate. If a series takes both positive and negative values additive adjustment is the only available option if a direct adjustment of the series is necessary.
- (b) *Trend-cycle estimate.* The program provides as optional alternatives 9-, 13-, or 23-term (Henderson) weighted moving averages of the initially estimated seasonally adjusted series for purposes of trend estimation. The appropriate weighted moving average may either be selected automatically by the program or be specified independently. If the irregular variation tends to be high in relation to the variation in trend, a long moving average is indicated to smooth out the effects of the irregulars. If it tends to be low, a short moving average is indicated, to fit the trend more closely to the curves of the data. The X-11Q program provides only a 5-term weighted moving average.
- (c) *Seasonal factor estimate.* The X-11 program provides as optional alternatives for estimating seasonal factors 3-, 3 x 3-, 3 x 5-, or 3 x 9-term weighted moving averages or a simple average covering all years of the series. Unless otherwise specified, the program employs as standard a 3 x 5-term weighted moving average, but any of the alternatives may be employed for estimating seasonal factors for any named month. (For series in this publication the standard 3 x 5-term moving average has been used, except for some series having irregular variation which is relatively high in relation to the estimated year-to-year change in seasonal factors. For these series the 3 x 9-term moving average has been used for all months). The X-11Q program provides only a 3 x 5-term weighted moving average.
- (d) *Graduated treatment of extremes.* Both programs contain a statistical procedure whereby unusually large or small values are objectively identified and discounted for purposes of calculating seasonal factors and trend values, thus preventing the estimated seasonal factors from being unduly affected by purely irregular influences. Preliminary estimates of the irregular component are tested for extremeness by comparison with their average value and their standard deviation. Values larger or smaller than the average by more than 2.5 standard deviations are regarded as extreme and are given zero weight. Values within 1.5 standard deviations of the average are regarded as normal and receive full (unit) weight. Values between these limits receive a proportionate intermediate weight. Alternative limits may be specified and are occasionally used.
- (e) *Trading-day adjustment.* Specific provision for trading-day adjustment exists in the X-11 (monthly) program but not in the X-11Q (quarterly) program. Monthly trading-day adjustments are calculated by the X-11 program from 7 daily weights (one for each day of the week, some of which may be zero) combined according to the number of times each day of the week occurs in the particular calendar month. Allowance for the varying lengths of calendar months may be included in either the trading-day adjustments or the seasonal factors. The trading-day weights may be supplied independently from previous or external information to effect the trading-day adjustment prior to seasonal analysis by the X-11 program. Alternatively, use may be made of the X-11 trading-day regression which derives a set of trading-day weights by relating the pattern of fluctuation in the estimated irregular component to the pattern of changing combinations of days of the week in the calendar months. The regression procedure may be used in conjunction with a prior trading-day adjustment to test for residual trading-day variation or alternatively to obtain improved estimates by combination of the prior weights and the residual regression estimates. Further options provide for the calculation and/or application of regression estimates of trading-day variation either to the whole series or the part of the series following a specified year; and variation of limits for identifying extremes which are excluded for purposes of the trading-day regression. Trading-day adjustments made to series in this publication are largely based on regression estimates obtained in special analyses by the X-11 program made beforehand.
- (f) *Adjustment for severe industrial disputes or other major irregular occurrences.* By the application of this option, the figures for months or quarters affected by an industrial

dispute are replaced in the calculation of trend by substitutes more in line with preceding and subsequent figures. The seasonal-irregulars for the period are then more clearly identified and discounted as extreme, while the effects of the industrial dispute are fully reflected in the seasonally adjusted series. Care must be exercised in using this option which may also affect estimation for periods of marked trend change. No use has been made of this option in the adjustment of series included in this publication.

(g) *Prior adjustment.* Prior to seasonal analysis, an adjustment may be made to any one or more of the figures in a series to yield a prior adjusted series. Seasonal factors for the prior adjusted series are then estimated and are used, either by themselves or combined with the appropriate prior adjustment factors, to seasonally adjust the original series. Calendar effects, where measurable, are estimated by regression methods on the basis of the series' past behaviour. These measures are then used to deduce prior adjustment factors appropriate to each month or quarter of the series. Combining these prior adjustments with seasonal adjustments derived from seasonal analysis of the prior adjusted series provides combined adjustment factors by which the original series is seasonally adjusted. Such uses of prior adjustment are :

- (i) *Trading-day variation in quarterly series* where measurable trading-day patterns are detected;
- (ii) *Special types of trading-day variation* other than simple weekly patterns, such as fortnightly pay-days;
- (iii) *Movable public holidays*, namely, Easter which may fall in either March or April, and Australia Day which may fall in either January or February, where such effects are measurable and significant.

Prior adjustment may be used where series are subject to abrupt discontinuities affecting the seasonal pattern or the trend, or exceptionally large irregular movements where they would, if not allowed for in the seasonal analysis, adversely influence the estimation of seasonal factors, at least for periods immediately preceding and following such influences. This technique is used in this way only in cases of discontinuities or irregularities of a magnitude larger than may be handled satisfactorily by the graduated treatment of extreme values performed by the X-11 programs, and then only when the nature of the disturbance is understood and its magnitude known

sufficiently accurately. Prior adjustment factors may be estimated by statistical comparison of data before and after the change or on the basis of supplementary information if available. These prior adjustment factors are applied in cases of discontinuities to the figures for months or quarters preceding the discontinuity, to align their seasonal pattern or trend with that of subsequent original figures. In the case of exceptional irregular movements, these factors are applied to the months or quarters affected to align their figures with original figures for preceding and succeeding periods. Seasonal adjustment factors are then derived for the prior adjusted series, and are thus unaffected by the discontinuity or irregularity so allowed for. Such cases in which use is made of prior adjustment are :

- (iv) *Abrupt changes in seasonal pattern*, for instance those affecting several production series following extensions of statutory annual leave at various times. In these cases, prior adjustment factors are combined with the seasonal adjustment factors derived from the prior adjusted series to yield combined factors by which the original figures are seasonally adjusted. This technique cannot reasonably be applied at the time of the change in seasonal pattern, but only some years after the event when the magnitude and persistence of the discontinuity is established.
- (v) *Abrupt trend discontinuities*, which can arise from a change in the concepts, definitions or coverage of a statistical series, as for instance in seasonally adjusting quarterly retail sales at constant prices, breaks in which occur owing to changes of base year. Seasonal factors derived from the prior adjusted series are applied directly to the original series to yield a seasonally adjusted series which fully reflects the trend discontinuity. This technique is particularly useful when the discontinuity affects the most recent months or quarters of a series at the time of a re-analysis, as without it satisfactory seasonal adjustment may not be possible. In this case, however, a prerequisite is a satisfactory estimate of the magnitude of the trend discontinuity.
- (vi) *Exceptionally large irregular movements*, which might result from a severe industrial dispute or similar exceptional events. As in the case of trend discontinuity, seasonal adjustment factors derived from the prior adjusted series are applied to the original series, so that the effects of the exceptional

movement are fully reflected in the seasonally adjusted series. This technique is only applied retrospectively at the time of subsequent re-analyses.

17. Greater detail on the methods used to overcome abrupt changes in seasonal pattern and abrupt trend discontinuities was given in Appendix E of *Seasonally Adjusted Indicators* 1978. Prior adjustments for abrupt trend discontinuities and exceptionally large irregular movements only need to be made at the time of subsequent re-analyses, since previous estimates of forward factors are not affected by the disturbance and are therefore still appropriate. However when series are substantially revised or when substantial abrupt trend discontinuities occur, series are often re-analysed in order to ensure that factors applied are the most appropriate.

18. Users should take note of whether use has been made of trading-day adjustments or prior adjustments for any purposes. This is important as their application can markedly affect the results obtained and the interpretation to be placed on them.

19. Except where the series have been adjusted aggregatively (see below), the particular program options employed in the adjustment of Australian and State series published by the ABS (and certain other organisations) are set out in Tables 1 and 3 respectively in Appendix B, 'Methods of Adjustment Employed'.

#### **Aggregative seasonal adjustment**

20. The foregoing account of the application of the X-11 programs applies to the adjustment of a series as it stands, that is, the *direct adjustment* of the original series. Alternatively it is possible to adjust an aggregate series by seasonally adjusting a number of its components and adding up the results. In cases where the component series exhibit markedly different trends and seasonal patterns, *aggregative adjustment* may be preferred to direct adjustment. However numerous empirical studies made to date mostly suggest that little difference is discernible in the effectiveness of direct and aggregative adjustment. As direct adjustment is simpler in operation, its use is to be favoured generally unless the results are recognisably inferior to those of an alternative aggregative adjustment.

21. Alternative adjustments are evaluated by comparisons of figures, graphs and summary measures produced for each adjustment. In assessing the alternatives consideration is given to the technical tests of the quality of the adjustments, how each adjustment rates against subject matter expectations based on known influences, and the importance of maintaining accounting relationships for the particular set of series.

22. It should be noted that direct adjustment has been used for certain aggregate series published by the ABS (e.g. those relating to civilian labour force, building and actual new capital expenditure). Following this

approach components and aggregates have been adjusted independently. This means that while the unadjusted components usually add to the totals, the adjusted components may not add to the adjusted totals. The differences are generally not large, in comparison with the month-to-month variability of the seasonally adjusted series.

23. Most of the seasonally adjusted series for principal aggregates in the national accounts and balance of payments have been obtained aggregatively, that is, by adding or subtracting seasonally adjusted component series. Besides retaining, as far as possible, the essential accounting relationships, the aggregative approach is needed because many of the aggregates include components having different characteristics, and requiring different methods of adjustment. The balances in the balance of payments have been adjusted by differencing two seasonally adjusted totals. While this maintains the accounting relationships particular caution should be exercised in analysing the results because they could contain irregular fluctuations somewhat larger than those appearing in the individual series being differenced.

24. In addition to the principal aggregates in the national accounts and balance of payments, aggregative adjustment is employed in seasonally adjusting certain series which are comprised of disparate components (e.g. motor vehicle registrations and housing finance for owner occupation). Where series have been adjusted aggregatively, details of the methods used are presented in Table 2 in Appendix B.

#### **Summary measures**

25. The X-11 programs provide a large range of statistical measures, tests of significance and graphs which are used in the choice of program options. Some of the summary measures help the user to interpret the results by giving an indication of the relative magnitude of the seasonal effects which have been removed from the series, and a guide as to how much of the variability of the series is due to trend and irregular elements. Some of the more important and easily interpreted summary measures for each of the Australian and State series published by the ABS (and certain other organisations) are given in Tables 4 and 5 respectively in Appendix C, 'Measures of Variability'.

26. The summary measures given in Appendix C are the average percentage change from month-to-month (quarter-to-quarter) (without regard to sign) in the original, seasonally adjusted, trend and irregular series, in the seasonal factors, and in the trading-day adjustments where these have been made. A comparison of movements in the irregular, the seasonal and other factors indicates the relative importance of each of these influences in the average variability of the series. The adequacy and usefulness of an adjustment is reduced when the influence of the irregular exceeds the combined influences of the seasonal, trading-day and other factors. Any series with an irregular variation

greater than 10% is difficult to adjust adequately and estimates of seasonal and trading-day factors are likely to be less reliable and subject to larger than normal revisions in subsequent re-analyses. For seasonal factors, the average percentage change from year-to-year (without regard to sign) is also given. This shows the average rate at which the seasonal pattern is estimated to have been changing from year-to-year.

27. Also included in Appendix C are measures called *Months for Cyclical Dominance* (MCD) and *Quarters for Cyclical Dominance* (QCD). These are measures obtained by calculating the average percentage change (without regard to sign) in the trend and irregular components over successively longer time spans. That is, the average percentage change (without regard to sign) is first calculated over observations one month (quarter) apart, then two months (quarters) apart and so on. The MCD (QCD) is the shortest span of months (quarters) it takes for the average percentage change (without regard to sign) in the trend to exceed that in the irregular. Where that span is six months (two quarters) or greater the MCD (QCD) is recorded as six (two).

28. The MCD (QCD) gives a broad indication of the relative importance of the trend component compared with the irregular and indicates over what span a movement in the seasonally adjusted series is likely to be attributable to movement in the trend rather than in the irregular. The MCD (QCD) can be used as one way of calculating crude trend-cycle estimates from seasonally adjusted figures published by the ABS. A centred moving average of roughly the same period as the MCD (QCD) can be applied to smooth out the seasonally adjusted series e.g. for a monthly series with a MCD of 5, a simple 5-term moving average would be applied. This reduces the irregularity present and makes trend-cycle movements more readily apparent. This statistical procedure is only one of many that could be applied. Longer moving averages (e.g. the Henderson weighted moving averages) will reduce the irregularity further, but also increase the loss of terms at the ends of the series. All such statistical methods are prone to estimation error, particularly at the ends of a series.

29. The measures of variability relating to the original, seasonally adjusted and trend series exclude the effects of abrupt changes in the level for which prior adjustments have been made. The measures of variability for the seasonal factors exclude the effects of abrupt changes in seasonal pattern for which prior adjustments have been made.

30. The measures of variability given in Appendix C serve to give some indication of whether a movement in a seasonally adjusted series is attributable to influences beyond the normal irregular variation and normal changes in the seasonal pattern. It is, however, to be borne in mind that measures of the month-to-month and year-to-year change given in Appendix C are averages; changes for the individual months and years may be considerably larger or smaller than the averages shown.

#### **Revisions to seasonal factors**

31. It is necessary to revise seasonally adjusted statistics from time to time. This is necessary not only because of amendments in the original series, but because the adjusted series is changed every time the computer analysis is repeated to bring in another year's figures (a re-analysis). This means revision of the whole seasonally adjusted series, although the changes in early years would be expected to be minor. The fact that seasonally adjusted series will be revised every time the program absorbs another year's data is inherent in the nature of the X-11 program and, in fact, most complex programs of this kind. In effect, the new data provides further observations upon which estimates of trend, seasonal factors and limits for identifying extreme values are based. The latter estimates, presumably the more accurate, can generally be expected to differ somewhat from earlier ones based upon less recent original data.

32. A study carried out some years ago indicated a rough rule of thumb for expected revisions to seasonally adjusted series due to a subsequent re-analysis. The average of the percentage revisions to seasonal factors for the most recent common year, can be expected to be approximately one-half the average percentage change from month-to-month in the irregular series (given in Appendix C), but this can be expected to fall to about one-fifth of the average percentage change from month-to-month for years four or more earlier.

33. In the seasonally adjusted figures for some individual months (or quarters), however, some revisions may be considerably larger (or smaller) than those suggested by this rule of thumb. The tendency to larger revisions is most marked for months (or quarters) affected by large changes in trend or seasonal pattern. These occurrences are often not recognisable or able to be taken account of until some time after the actual change. They can therefore lead to larger than normal revisions when they are allowed for at the time of subsequent re-analysis. As might be expected, the tendency of successive revisions is generally to 'smooth out' fluctuations appearing in the initial seasonally adjusted series.

#### **National accounts series**

34. This publication includes a selection of the seasonally adjusted series published in *Quarterly Estimates of National Income and Expenditure, Australia* (5206.0). Owing to the difficulty of obtaining the necessary up-to-date and detailed data, much of the current information used in preparing the original figures is usually of an approximate nature and is subject to revision as more complete and accurate information comes to hand. Consequently, both the original and seasonally adjusted series are subject to frequent amendments. As mentioned previously most of the seasonally adjusted national accounting aggregates have been derived using aggregative methods, that is, as the sum of seasonally adjusted component series rather than by direct adjustment of the aggregate series. Also, since some of the series are not amenable to the usual

methods of seasonal adjustment, special methods of adjustment have been used in some cases. A description of the methods of adjustment employed is given in Appendix B. Similar comments apply to the series comprising the balance of payments current account.

#### **Arithmetic transformations of seasonally adjusted series**

35. Users should note that arithmetic transformations (e.g. addition, subtraction, multiplication, division) of two or more seasonally adjusted series do not necessarily produce series which are optimal or even adequate adjustments of the similarly transformed original series. Critical examination of the component and resulting series, both in original and seasonally adjusted terms, is necessary when following procedures of this type. In some instances the particular transformation, when applied to the original series in the same manner, may produce a series which contains little or no seasonality (although the component series are seasonal). This arises particularly when data is manipulated within a group of related series where series often have very similar seasonal patterns e.g. dissections of a particular aggregate or corresponding current and constant price series.

36. Even if the resulting original series is seasonal, the indirect adjustment obtained by the transformation may not be adequate or be inferior to either a direct adjustment or one using an alternative approach. This follows from the previous comments on aggregating and differencing seasonally adjusted series (see paragraphs 20-23) and from the estimation error present in all seasonally adjusted series. It is possible for estimation errors to accumulate in the transformation to the indirectly adjusted series and so pose a greater risk of misinterpretation. In the case where the transformed original series shows little or no seasonality it may be more appropriate to use the original series rather than the indirectly adjusted series.

#### **Limitations of seasonally adjusted statistics**

37. Despite their versatility, the X-11 programs rely essentially upon the logic of the simple classical methods described earlier. Although they overcome many of the shortcomings of simpler methods, they are subject to the same basic limitations of all such methods. Of these, the most important limitation stems from the inherent impossibility of defining precisely the trend, seasonal and irregular components (at least for statistics relating to economic and social phenomena) except in terms of estimates obtained by a particular method. Consequently, no objective assessment of reliability may be made for any such methods, and comparisons of results obtained by alternative procedures must always involve an element of judgement.

38. A further limitation derives from a

fundamental assumption underlying seasonal analysis and adjustment techniques. It is assumed implicitly that while trends and seasonal patterns underlying the series may change, such changes are not abrupt. The X-11 programs, and in fact all seasonal adjustment programs yet developed, tend to yield recognisably unsatisfactory results where an abrupt change affects the seasonal pattern of a series.

39. The optional alternative procedures allowed by the X-11 programs provide some means for overcoming problems of this kind. However, the remedies provided by the X-11 programs are available only some time after the change has occurred. It is impossible in most cases to recognise and assess changes in seasonality at the time they occur. The statistical method alone cannot indicate whether an unexpected movement appearing in current seasonally adjusted figures denotes a variation in trend, or an unusual (irregular) effect, or whether it is due to an abrupt change in seasonality.

40. When unexpected movements occur as a result of the application of the statistical method to a series, these movements are queried with those sections of the ABS and other organisations who have responsibility for the original statistics. These explanations are essential in order to assess the adequacy of particular seasonal adjustments and to help decide whether various prior adjustments may be required. The process of gathering information about the cause of seasonal (and other calendar) variations and unusual movements is perhaps more important in improving the quality of adjustments than the actual statistical method applied.

41. It should be borne in mind that by using alternative program options or differing time spans of data, the X-11 programs will yield results which may differ markedly from each other. As implied above, it is sometimes by no means easy to decide which of some feasible options should be employed. Although the minimum time span required for the practical application of the X-11 programs is three years, it is usual practice for publication not to commence until at least four or five year's figures are available. The reason for this is the inherent difficulty in estimating with a sufficient degree of confidence the trend, seasonal and irregular components over very short time periods. For quite irregular series longer periods are required for satisfactory adjustments.

42. For all of these reasons, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.



## INTERPRETATION OF SEASONALLY ADJUSTED STATISTICS

Users of seasonally adjusted statistics should bear the following points in mind :

1. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from statistical series, so that the effects of other influences on the series may be more clearly recognised.

2. In the adjustment of certain statistical series published, adjustments have been made for the effects of some calendar variations, for example : 'trading-day' effects, (for instance having four or five Fridays in a particular month); and the effects of movable holidays, like Easter and Australia Day. These adjustments have been made where warranted by prior analyses. Since these adjustments materially affect the results, users should particularly note whether or not these calendar adjustments have been made to particular series.

3. Seasonal adjustment does not remove irregular influences which may be present in any particular month or quarter, such as the effect of a major industrial dispute or abnormal weather.

4. Since seasonally adjusted statistics reflect irregular movements as well as trend, they may not be the 'smooth' series the user may expect, and an unexpected upward or downward movement in a seasonally adjusted series does not necessarily denote a change of trend.

5. Seasonally adjusted series can only be used approximately as measures of trend. Interpretation of movements in the series requires careful judgement on the part of the user, which must be based either on accurate knowledge of the influences affecting the series or on the extent to which the adjusted series has shown irregular movements in the past.

6. Some series are subject to large irregular fluctuations and particular care should be exercised in

interpreting month-to-month or quarter-to-quarter movements in these series.

7. The methods of seasonal adjustment employed allow for gradual changes in the seasonal pattern, so that current figures are adjusted in accordance with the estimated normal seasonal pattern of the recent past. However, the methods used may not give an adequate adjustment if there should be an abrupt change in seasonal pattern that cannot be quantified or a sudden change in the nature of the series.

8. The methods have required judgement to be used in the choice of certain specifications — though once the specifications have been chosen, the adjustment of the statistics proceeds each month without subjective judgement having to be used. For this reason the adjusted series are always in a sense estimates, and are not definitive statistics in the same sense as the original statistics are.

9. Seasonally adjusted statistics will be revised following revisions to the original data and as additional data are brought into the analysis each year.

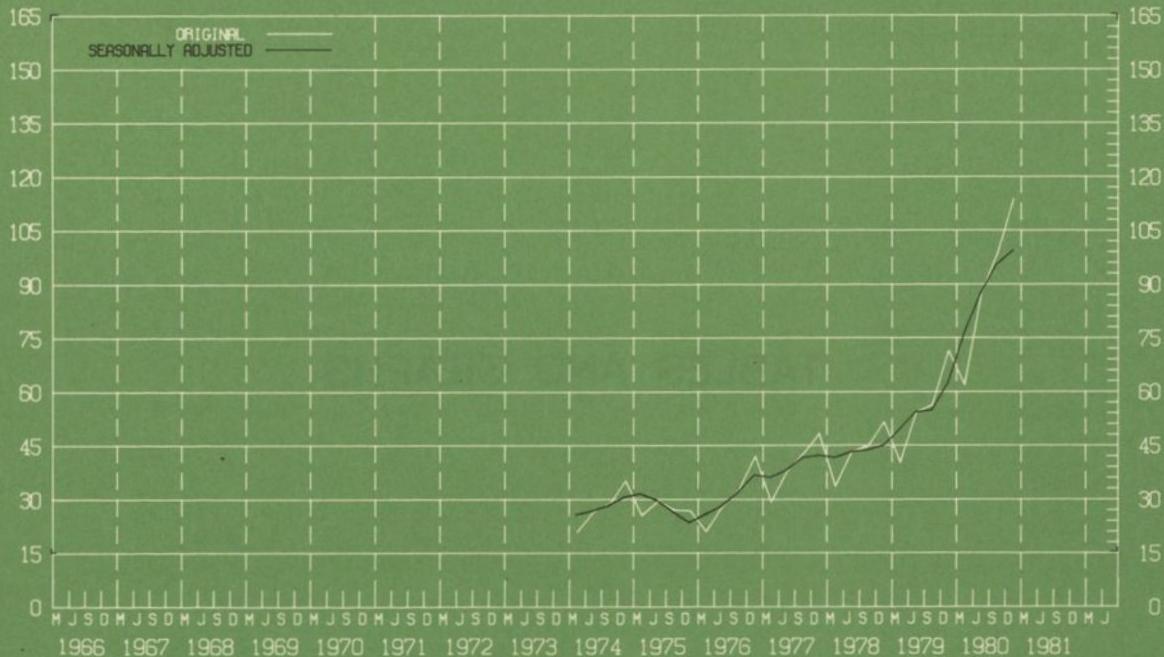
10. Users should take care when performing arithmetic transformations on two or more seasonally adjusted series. As all seasonally adjusted series contain some degree of estimation error it is possible for these errors to accumulate during the transformation. The original series produced by similar transformations may not, in particular instances, contain significant seasonality.

*For these reasons, therefore, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.*



## **TABLES AND GRAPHS**

MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM AND OIL SHALE)  
EXPENDITURE BY PRINCIPAL ENTERPRISES



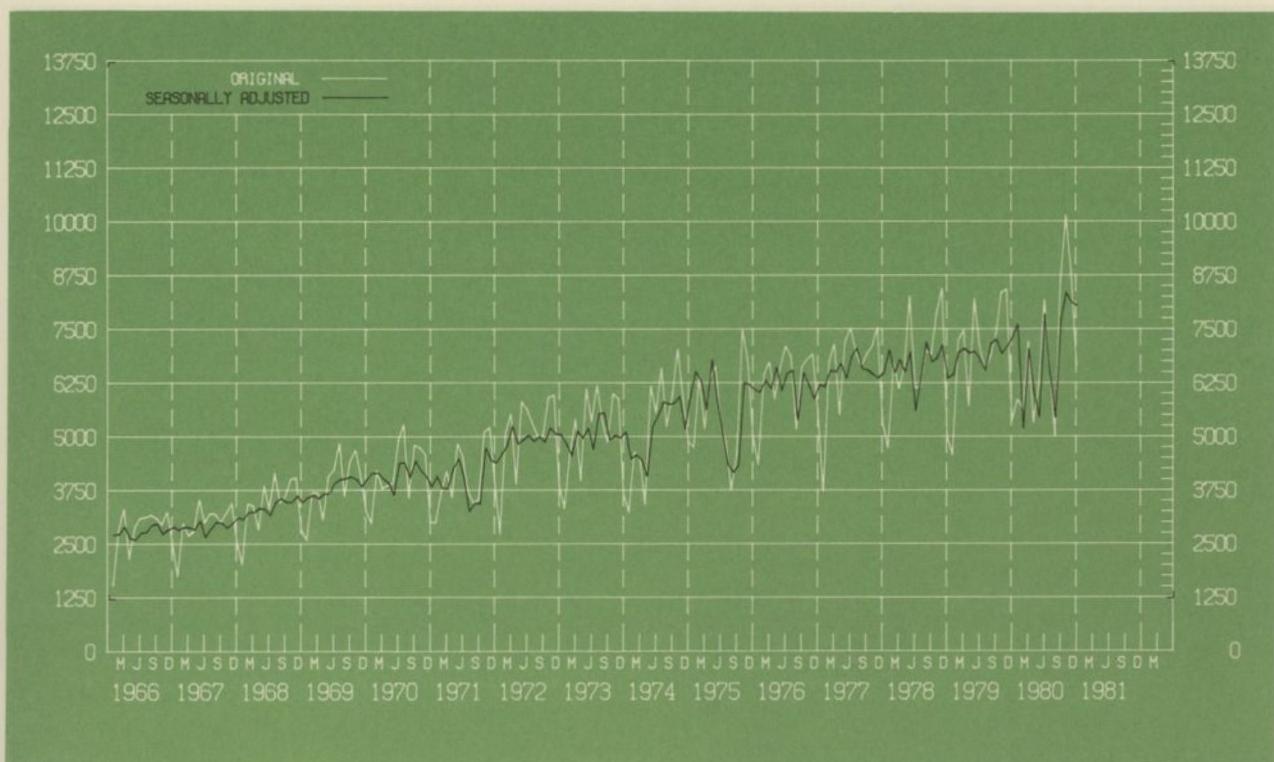
YEAR	MAR. QTR		JUN. QTR		SEP. QTR		DEC. QTR	
	ORIGINAL	SEASONALLY ADJUSTED						
1974	20.8	25.4	26.5	29.4	28.6	35.1	35.1	35.1
1975	25.5	31.2	29.4	27.9	26.9	26.8	26.8	26.8
1976	20.9	25.6	27.9	37.9	32.5	41.9	41.9	41.9
1977	29.2	35.8	37.9	42.9	42.6	48.2	48.2	48.2
1978	33.6	41.3	43.0	42.9	44.8	51.4	51.4	51.4
1979	40.1	49.2	54.2	54.0	56.3	71.3	71.3	71.3
1980	61.8	75.9	87.3	95.1	98.3	113.6	113.6	113.6

## SEASONALLY ADJUSTED

1974	25.4	26.5	27.9	30.4
1975	31.2	29.4	26.2	23.2
1976	25.6	27.9	31.6	36.4
1977	35.8	37.8	41.3	41.9
1978	41.3	42.9	43.4	44.7
1979	49.2	54.0	54.5	62.1
1980	75.9	87.0	95.1	98.9

## BLACK COAL PRODUCTION

'000 TONNES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

ORIGINAL												
1966	1528	2816	3308	2141	2895	3094	3114	3170	3088	2936	3246	2530
1967	1732	2969	2688	2785	3527	2989	3201	3186	2997	3217	3436	2536
1968	2013	3426	3373	2811	3849	3301	4137	3453	3615	4009	4029	2811
1969	2572	3687	3685	3042	4078	4219	4838	3607	4417	4684	4061	3258
1970	2974	4194	3786	3855	3910	4914	5273	3567	4793	4731	4560	2998
1971	2985	3692	4189	3583	4824	4525	3726	3443	3529	5099	5202	3925
1972	2726	5077	5518	3888	5800	5615	5301	4991	5014	5908	5954	3854
1973	3315	4604	5396	3961	6105	5329	6189	5335	4845	5987	5869	3652
1974	3224	4634	4485	3409	6180	5532	6595	5227	5934	7026	5864	4860
1975	4738	6393	5175	6360	6627	5343	4833	3744	4602	7487	6744	4979
1976	4342	6441	6731	5876	6592	7095	6859	5165	6629	6793	6919	5505
1977	3715	6724	7149	5497	7206	7517	6954	6630	6901	7085	7533	5329
1978	4721	6704	6101	6596	8249	6116	6167	6998	6910	7884	8437	4996
1979	4565	7242	7464	5709	8209	7087	6513	6853	7384	8353	8418	5344
1980	5854	5647	7202	5311	6216	8174	6637	5004	8611	10127	8817	6649

## SEASONALLY ADJUSTED

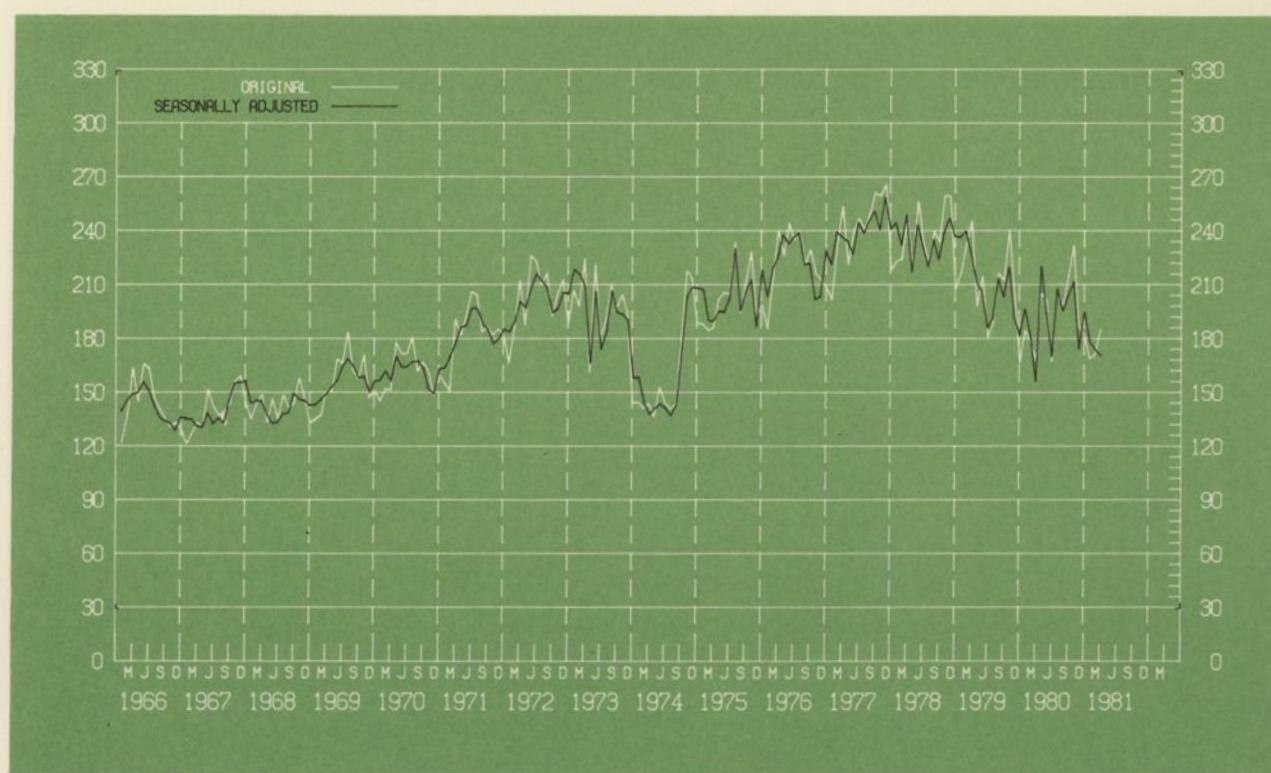
1966	2752	2773	2936	2666	2632	2798	2810	2977	3005	2776	2864	2933
1967	2862	2929	2921	2877	3072	2688	2896	3044	3023	2907	3020	3143
1968	3107	3275	3274	3364	3338	3196	3503	3586	3499	3491	3650	3494
1969	3613	3663	3588	3696	3693	3957	4034	4052	4095	4033	3861	4042
1970	4175	4179	4045	3950	3663	4415	4420	4076	4458	4236	4110	3858
1971	4109	3819	3815	4285	4506	4069	3280	3472	3461	4762	4469	4414
1972	4617	4817	5276	4857	4956	5047	4921	5024	4909	5231	5090	5061
1973	4847	4573	5159	4985	5217	4718	5562	5570	4942	5047	4997	5131
1974	4507	4595	4479	4091	5263	5499	5824	5773	5789	5956	5198	5965
1975	6530	6310	5651	6807	5873	5111	4374	4186	4352	6283	6229	6106
1976	6056	6324	6139	6640	6093	6496	6554	5407	6502	6221	5891	6228
1977	6176	6558	6516	6721	6369	6898	7069	6603	6563	6460	6379	6500
1978	7037	6498	6811	6523	6987	5623	6387	7217	6759	6849	7154	6382
1979	6462	6983	7060	6967	6992	6812	6551	7179	7282	6953	7111	7319
1980	7633	5213	7065	6062	5480	7871	6491	5464	7706	8361	8136	8077

## AGRICULTURAL PRODUCTION

4.

#### TOTAL MEAT PRODUCTION

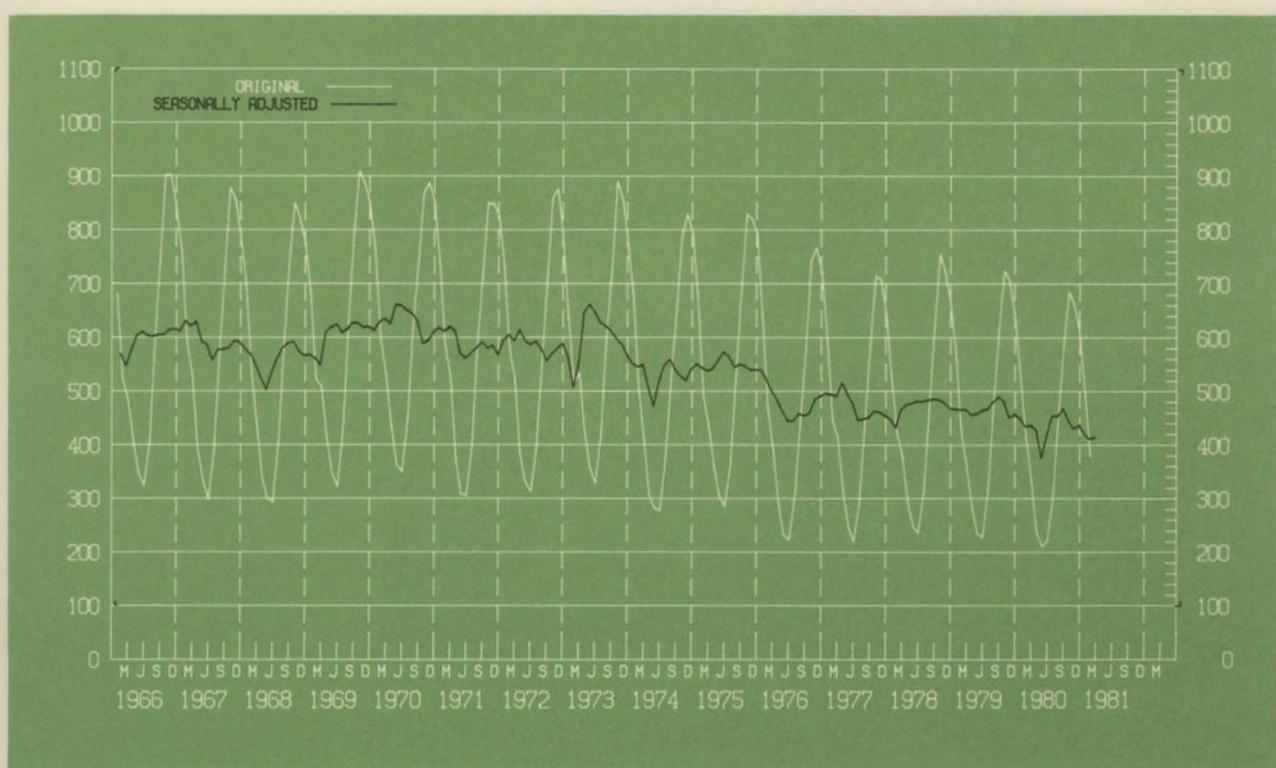
1,000 TONNES



**SEASONALLY ADJUSTED**

## WHOLE MILK PRODUCTION. ALL PURPOSES (A)

MILLION LITRES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	680.6	522.4	485.2	404.8	344.9	323.3	404.2	596.2	750.4	901.9	901.9	839.3
1967	762.7	591.3	527.4	387.9	334.4	297.6	390.0	571.0	724.2	877.4	856.7	785.0
1968	700.9	538.2	434.3	337.7	299.4	292.8	404.8	583.1	736.8	849.6	820.4	777.4
1969	684.7	519.8	508.7	413.0	345.0	321.7	426.6	620.1	788.8	909.5	885.8	850.6
1970	763.4	601.1	530.4	434.7	361.8	349.7	446.2	622.0	736.2	867.6	887.4	851.2
1971	741.5	584.2	525.6	373.6	307.9	305.7	397.0	586.6	714.3	850.2	846.9	826.8
1972	737.0	579.3	518.6	380.0	329.4	312.8	389.8	549.6	700.1	860.0	875.9	781.9
1973	637.8	512.5	534.7	425.5	355.6	328.1	417.9	599.1	720.9	889.8	857.5	774.9
1974	677.8	504.2	410.0	306.7	281.7	277.8	376.5	520.5	647.6	789.4	828.8	791.4
1975	673.2	489.5	432.9	359.5	303.2	284.3	359.3	525.7	687.2	829.7	818.3	791.7
1976	635.0	463.3	392.1	292.8	229.8	223.3	297.7	439.5	577.2	743.1	766.7	721.0
1977	596.8	445.1	411.8	310.8	244.8	218.6	289.9	442.7	589.5	714.0	707.4	642.3
1978	524.2	423.1	378.7	294.6	248.1	235.0	313.0	472.0	623.0	754.0	721.0	662.0
1979	571.0	425.0	360.0	285.0	235.0	227.0	315.0	477.0	612.0	724.0	704.0	636.0
1980	525.0	416.0	336.0	237.0	210.0	220.0	299.0	449.0	585.0	684.0	661.0	609.0
1981	492.0	379.0										

## SEASONALLY ADJUSTED

1966	567.6	545.4	575.9	603.0	609.0	602.1	601.1	603.5	603.9	613.0	614.5	610.7
1967	629.2	620.5	628.2	591.0	585.6	556.3	576.1	576.8	579.9	591.9	590.4	578.0
1968	569.2	549.1	523.0	502.1	533.3	560.2	579.9	588.2	591.6	574.2	565.3	567.1
1969	560.5	547.4	608.9	617.8	623.3	607.8	615.1	626.6	624.8	617.5	619.6	611.9
1970	628.6	634.2	623.8	660.3	658.5	650.7	643.7	629.3	587.4	594.4	610.1	617.1
1971	610.9	619.1	611.1	568.3	560.4	571.0	580.7	590.5	579.4	584.7	566.9	594.4
1972	604.0	593.3	613.4	593.1	586.2	592.0	579.1	555.7	569.6	580.6	587.4	563.3
1973	507.0	552.1	647.0	661.1	646.2	627.0	620.4	610.6	597.2	586.6	565.6	550.5
1974	545.1	549.0	506.2	472.0	518.0	548.0	558.5	539.1	527.2	519.4	541.4	550.3
1975	542.4	537.2	541.8	558.1	572.6	563.0	544.1	549.9	545.8	539.2	539.7	539.4
1976	519.0	498.5	483.2	461.4	444.1	443.5	458.0	454.2	458.9	484.8	490.5	496.1
1977	493.4	490.3	515.4	493.4	476.5	444.8	448.7	450.9	462.3	460.8	453.9	447.6
1978	431.5	465.3	474.8	477.8	481.6	481.2	483.8	485.4	484.2	477.9	468.4	466.4
1979	466.0	466.0	456.2	457.5	464.5	467.1	480.1	489.8	481.4	451.2	456.8	449.3
1980	434.4	437.1	428.3	375.5	419.2	454.9	454.0	467.9	445.7	430.3	437.0	420.1
1981	411.3	414.7										

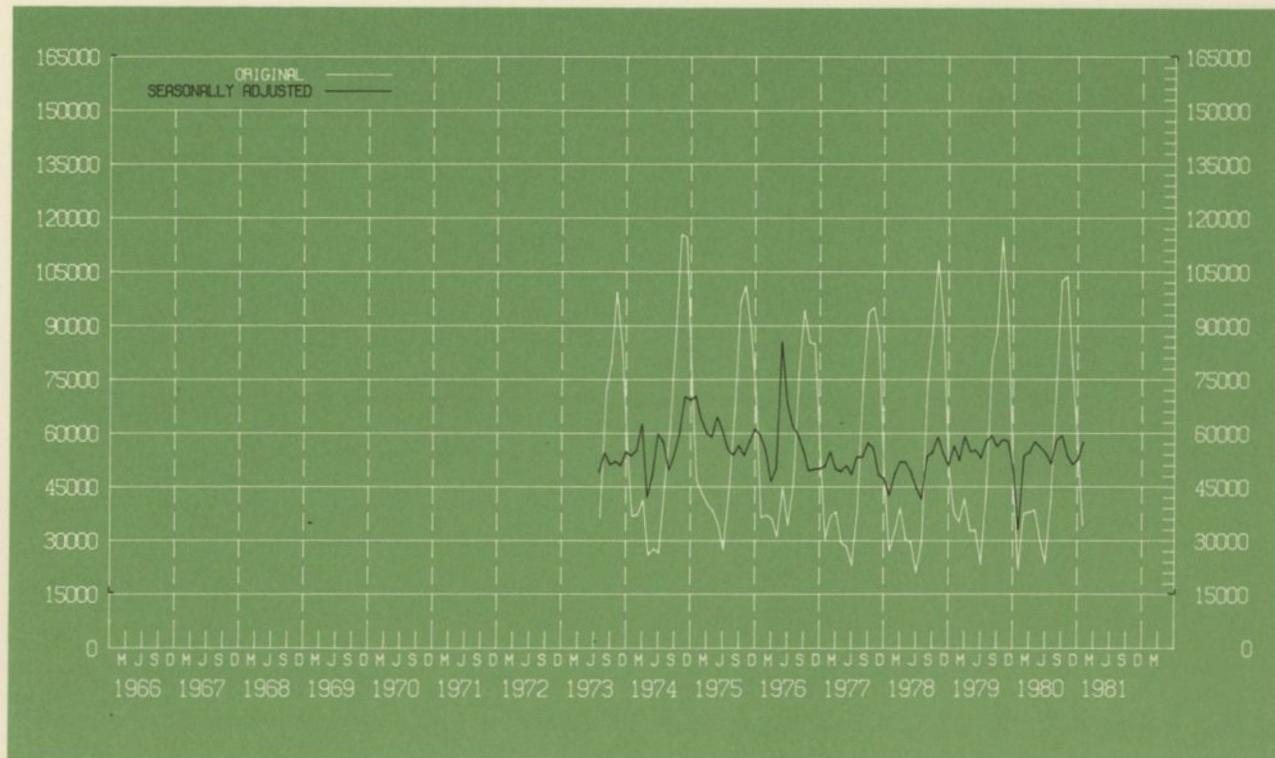
(A) UP TO JUNE 1978 THESE DATA WERE COMPILED BY THE AUSTRALIAN BUREAU OF STATISTICS. FROM JULY 1978 THESE DATA HAVE BEEN COLLECTED BY THE AUSTRALIAN DAIRY CORPORATION.

## AGRICULTURAL PRODUCTION

6.

BROKERS' AND DEALERS' RECEIVALS OF TAXABLE WOOL

TONNES



ORIGINAL

**SEASONALLY ADJUSTED**

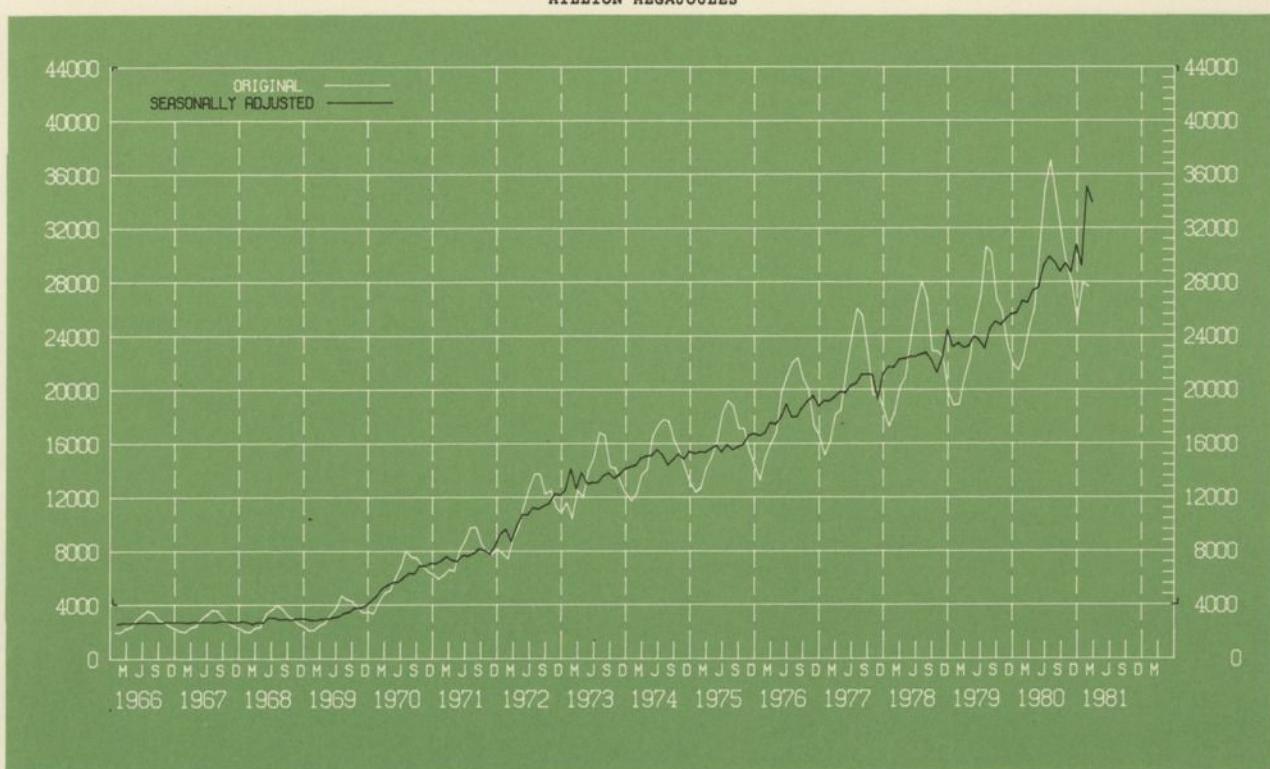
ELECTRICITY PRODUCTION  
MILLION KILOWATT HOURS

**SEASONALLY ADJUSTED**

## MANUFACTURING PRODUCTION

8.

GAS PRODUCTION (A)  
AVAILABLE FOR ISSUE THROUGH MAINS  
MILLION MEGAJOULES

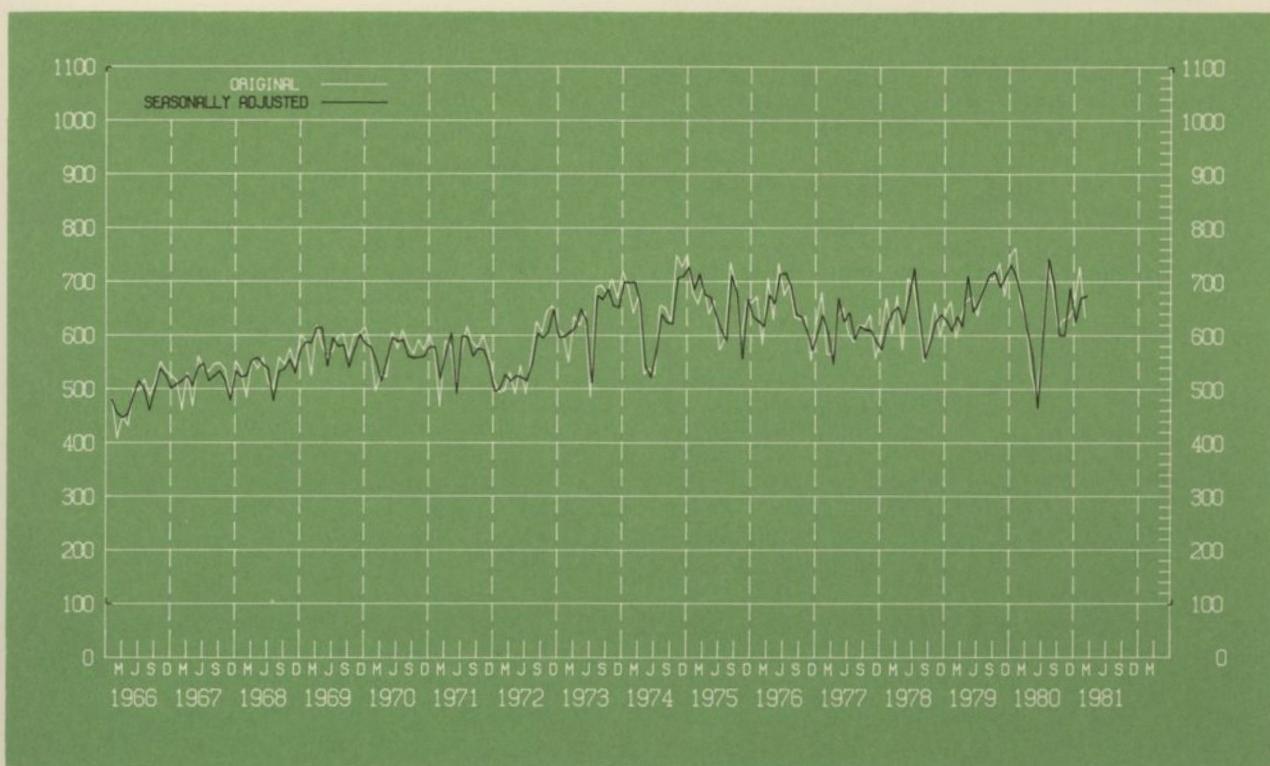


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1910	1941	2216	2342	2923	3229	3513	3355	2849	2680	2395	2205
1967	1994	1952	2290	2395	2965	3239	3608	3524	3018	2648	2363	2247
1968	1994	1941	2258	2332	3323	3608	3957	3672	3155	2933	2585	2384
1969	2057	2100	2458	2638	3292	3724	4652	4379	4231	3756	3429	3461
1970	3345	4220	4874	5064	5951	6774	7997	7523	7438	6879	6489	6288
1971	5919	6183	6594	6489	8040	8715	9714	9756	8595	7861	7753	8154
1972	7778	7402	8903	9742	11372	12741	13733	13691	12239	12502	11241	10829
1973	11569	10397	12493	11962	13974	14945	16805	16587	14225	14157	13016	12253
1974	11704	12275	13695	14082	16555	17339	17777	17592	16194	15336	14208	13116
1975	12354	12682	14141	14989	16159	18276	19157	18737	17109	17094	15418	14312
1976	13260	14990	15975	16770	19819	20983	22001	22337	20750	19969	17293	16498
1977	15117	16058	18137	18471	21398	23854	26025	25479	22804	19619	19627	18488
1978	17243	18284	20226	20903	23768	26323	28038	26776	22886	22813	22404	19795
1979	18839	18892	20823	22212	25076	26884	30611	30288	26762	25885	23328	21930
1980	21433	22369	24503	25905	30605	34984	37060	34502	31793	29275	27939	25248
1981	27897	27663										
SEASONALLY ADJUSTED												
1966	2538	2597	2582	2591	2639	2649	2622	2624	2615	2680	2650	2652
1967	2664	2619	2682	2666	2671	2682	2667	2743	2734	2631	2646	2714
1968	2676	2522	2658	2601	3016	3002	2855	2882	2819	2898	2932	2904
1969	2791	2804	2902	2913	3024	3103	3338	3427	3738	3708	3907	4245
1970	4597	5167	5416	5616	5665	5970	6316	6260	6884	6833	7056	7040
1971	7231	7534	7251	7191	7662	7589	7776	8102	8015	7747	8402	9269
1972	9550	8659	9778	10703	10666	11207	11077	11314	11519	12241	12125	12502
1973	14090	12616	13824	12985	13077	13078	13607	13802	13397	13709	14097	14267
1974	14364	14894	15067	15109	15547	15127	14376	14784	15223	14816	15392	15235
1975	15367	15349	15591	15832	15350	15897	15513	15741	15920	16574	16728	16547
1976	16758	17514	17414	17923	18892	17957	17988	18680	19165	19520	18755	19162
1977	19144	19465	19857	19764	20297	20449	21128	21146	21138	19275	21170	21680
1978	21642	22268	22290	22441	22434	22629	22711	22148	21219	22329	24407	23136
1979	23434	23092	23229	23946	23640	23026	24549	25056	24808	25257	25627	25698
1980	26602	26454	27357	27589	29235	29883	29478	28767	29371	28705	30718	29197
1981	35036	33918										

(A) FROM JULY 1969 INCLUDES NATURAL GAS.

## RAW STEEL PRODUCTION

1,000 TONNES



**SEASONALLY ADJUSTED**

#### **MANUFACTURING PRODUCTION**

10.

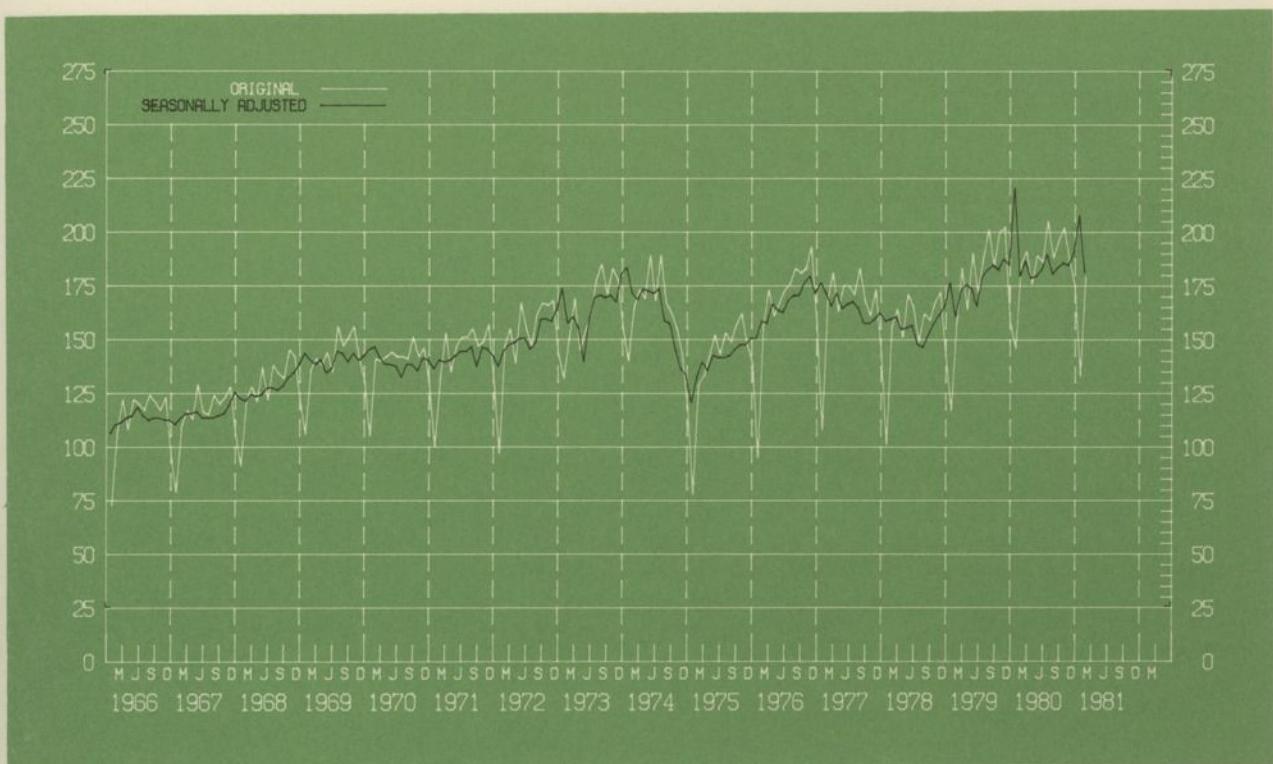
## CEMENT PRODUCTION

'000 TONNES

**SEASONALLY ADJUSTED**

## CLAY BRICK PRODUCTION

**MILLION**



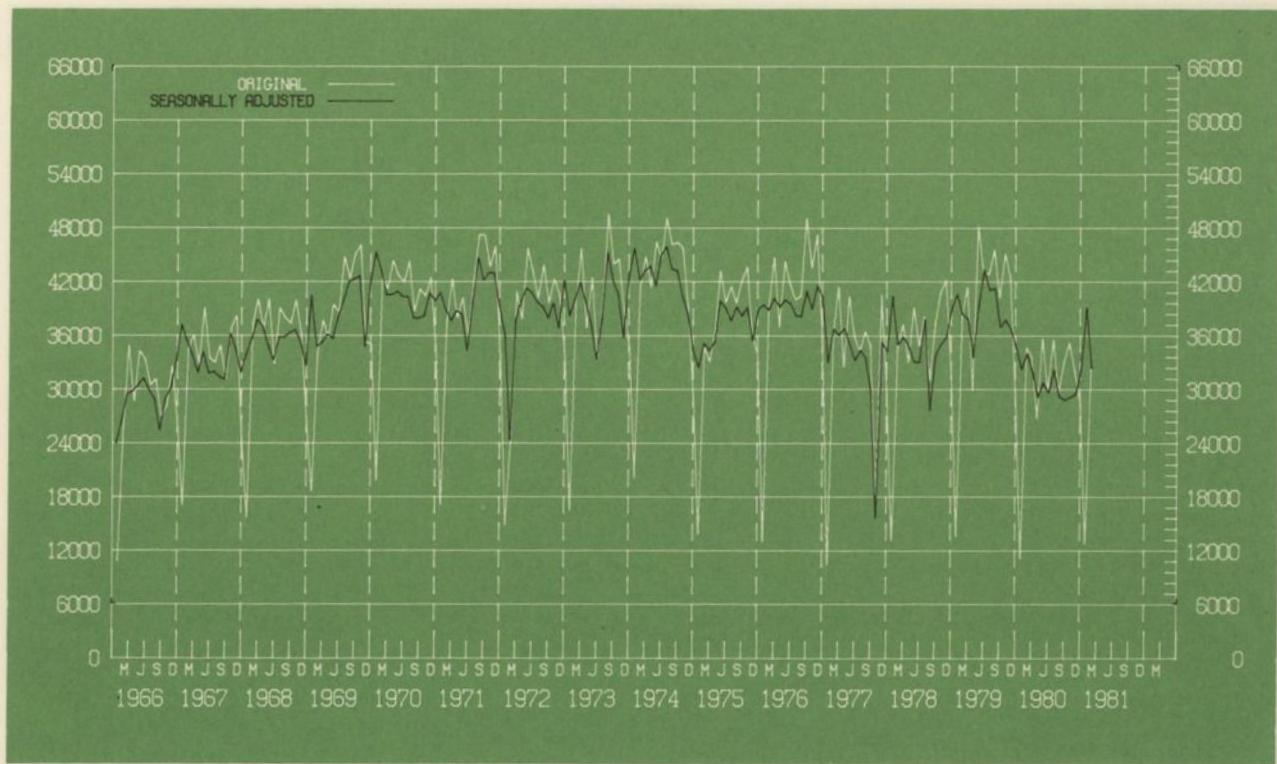
**SEASONALLY ADJUSTED**

## MANUFACTURING PRODUCTION

12.

## MOTOR VEHICLE PRODUCTION

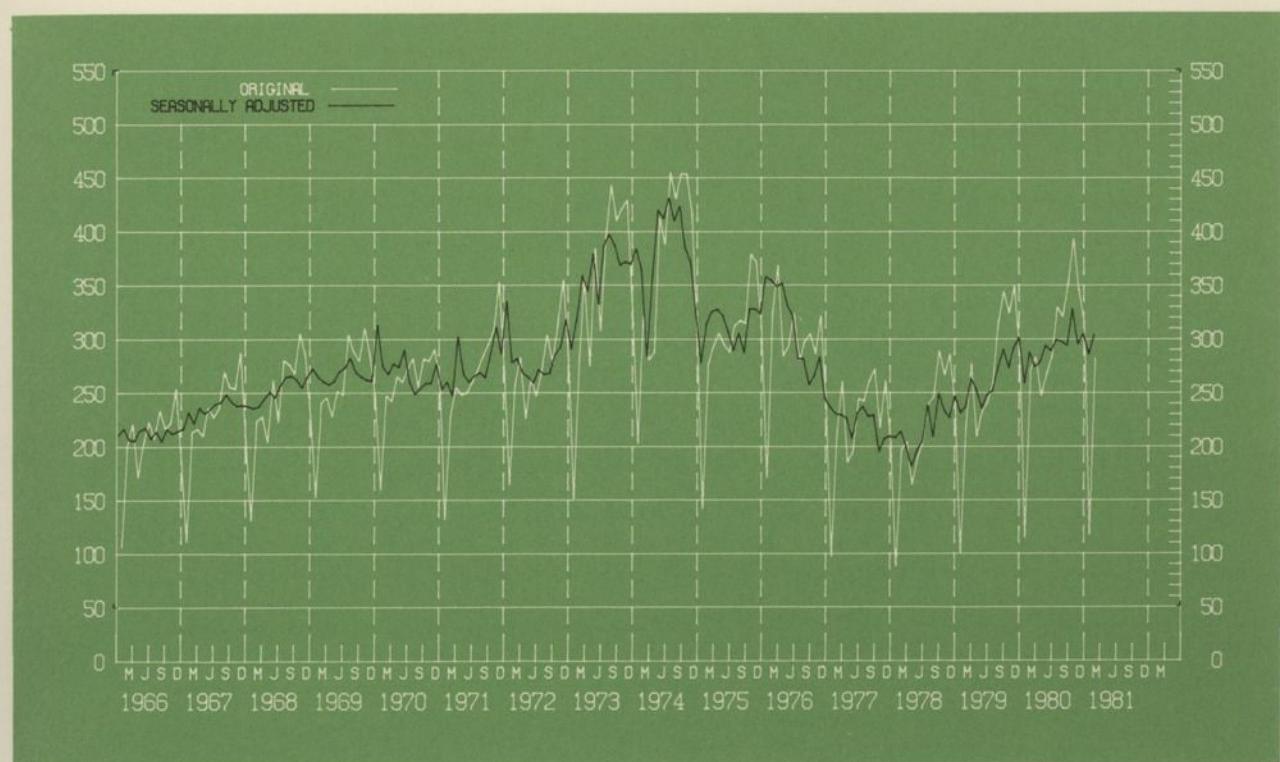
**NUMBER**



**SEASONALLY ADJUSTED**

## PRODUCTION OF ELECTRIC MOTORS UNDER 720 WATTS

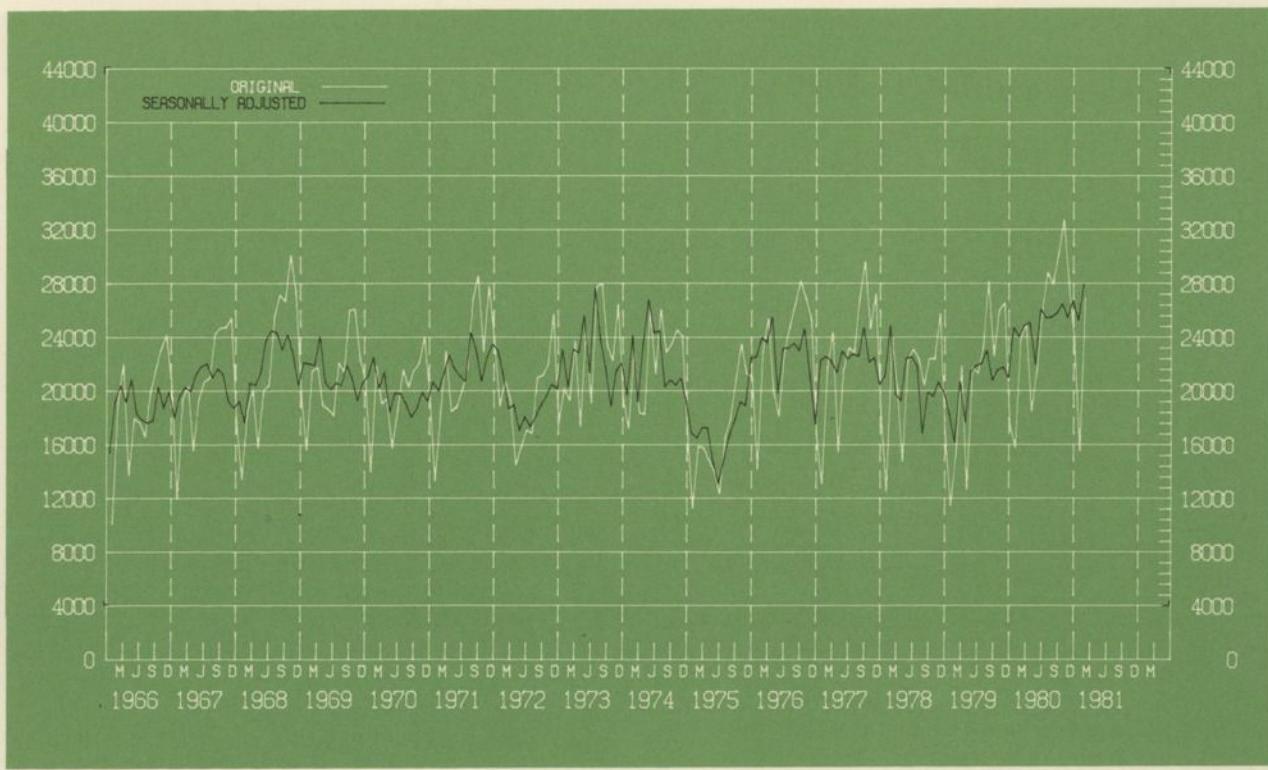
• 000



**SEASONALLY ADJUSTED**

## **DOMESTIC REFRIGERATOR PRODUCTION**

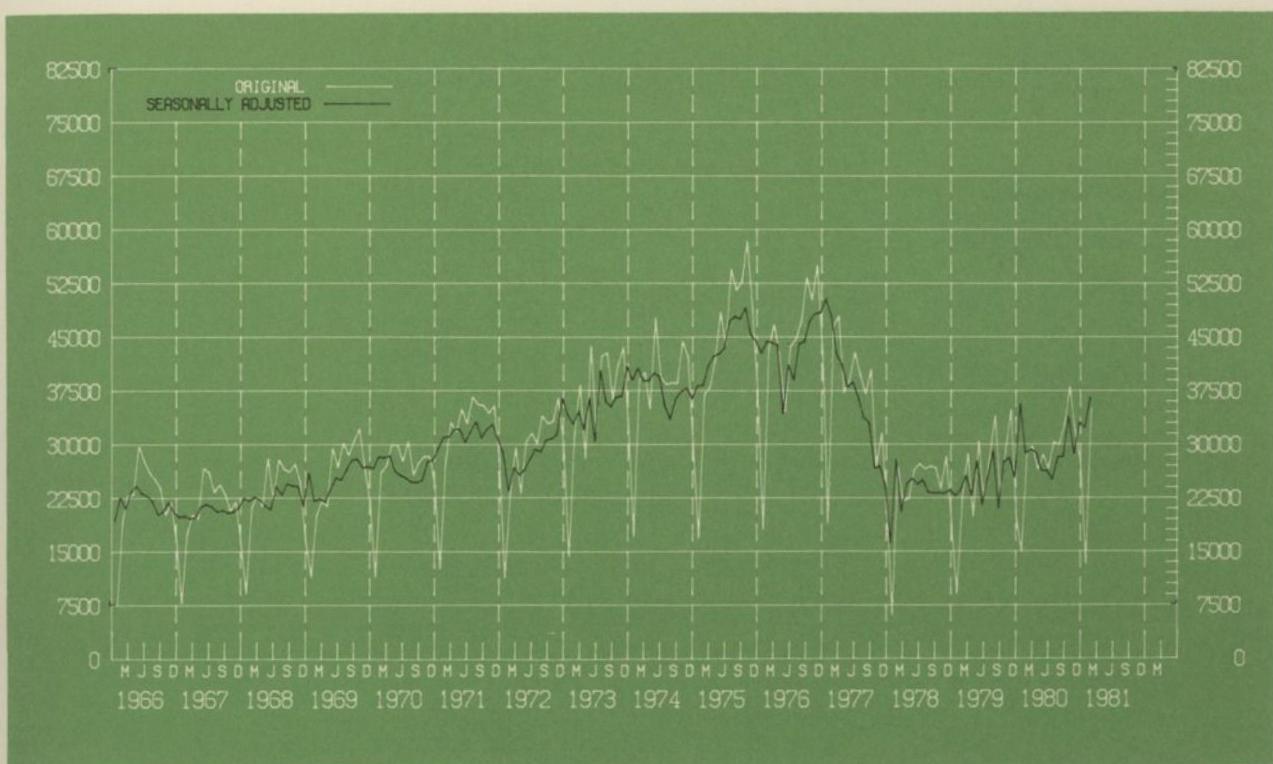
**NUMBER**



**SEASONALLY ADJUSTED**

## TELEVISION SET PRODUCTION

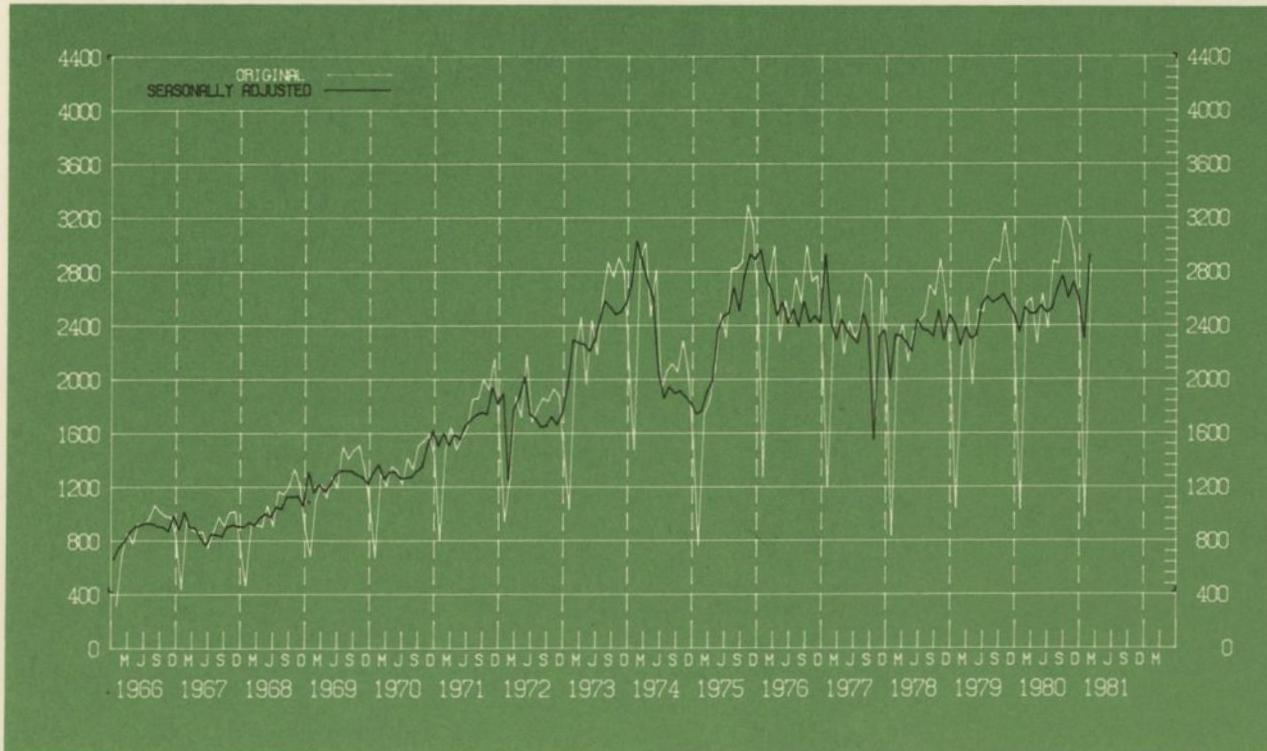
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	7453	19384	22790	22986	29739	27614	26057	25106	23934	20100	21854	16583
1967	7795	17453	20117	19656	26587	26066	23342	24390	23040	20690	21905	16184
1968	9164	21273	22696	21288	28006	22294	27862	26428	26189	27176	24658	16497
1969	11455	20024	21974	21273	29422	26790	30189	28439	30449	32137	26742	21921
1970	11490	26082	26923	29962	29843	27563	30337	25700	27449	28273	28286	24469
1971	12581	27451	32995	31756	34879	32841	36548	35527	35398	34328	35314	27700
1972	11298	23024	29471	23152	30357	31499	30082	33939	32851	33146	36357	29897
1973	14214	31376	38289	28056	43691	31765	42357	42803	36376	41142	43517	32355
1974	17161	39083	40034	34995	47623	39385	38356	38603	38549	44370	42223	29434
1975	16847	36978	37939	41542	48459	43763	54417	51495	52790	58321	49006	36828
1976	18069	43425	46687	42530	34508	43730	44652	47158	53245	50226	54884	42734
1977	18917	46486	47882	37260	38925	42833	39704	37086	40416	26863	31546	20755
1978	6203	26816	22035	22432	26392	27264	26584	26913	26699	23764	28271	18884
1979	9022	22597	28639	19820	30429	22559	28015	33968	23239	28984	34792	19609
1980	14925	29007	29716	26456	28551	26586	30318	29906	32648	37960	31762	27374
1981	13279	34904										
SEASONALLY ADJUSTED												
1966	19396	22485	21008	23305	24201	23082	22751	22030	20144	20568	21826	20456
1967	19807	19934	19569	19817	21268	21604	21231	20499	20773	20367	20557	21129
1968	22439	22034	22631	22178	21306	20876	24126	22827	24478	24168	24060	21296
1969	25946	21999	22360	21907	23638	25258	25001	26407	27773	27899	26687	26857
1970	26600	28217	28091	28301	26139	25600	25185	24683	24651	24953	27527	27781
1971	29401	30938	30992	32012	32017	30183	31718	33089	30851	32063	32735	30645
1972	28672	23352	26672	25653	26369	27866	29206	28823	30522	30700	31300	36277
1973	33924	32755	34543	31962	36346	30283	40194	35895	35164	36571	36665	40746
1974	38809	40535	38720	38813	39814	39382	35274	33320	36318	37291	37722	36247
1975	38077	38087	40782	42179	42520	43252	47089	47685	47385	48927	45201	44330
1976	42618	44301	44035	43739	34095	40974	38814	43932	44226	47231	48115	48266
1977	50117	47830	42431	40975	37831	38590	36417	33597	32917	26538	26824	24190
1978	16043	27701	20436	24363	25084	24304	24881	23130	23118	23099	23038	23491
1979	22683	23429	25492	22681	27433	21506	25270	28944	20958	27510	27984	25198
1980	35517	28648	29191	28725	26209	26231	24921	28176	28192	33783	28554	32980
1981	32222	36383										

TEXTILE FLOOR COVERING PRODUCTION  
(EXCLUDING UNDERFELTS AND UNDERLAYS)

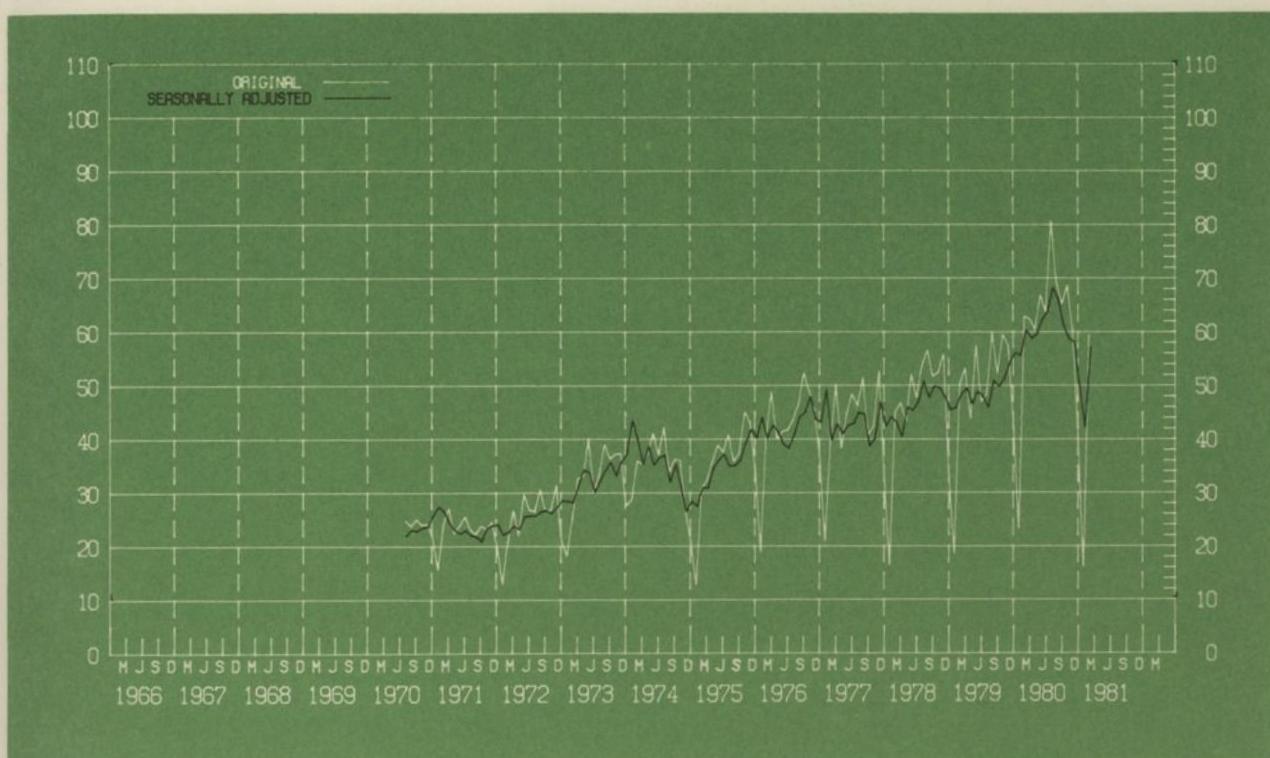
'000 SQ. METRES



**SEASONALLY ADJUSTED**

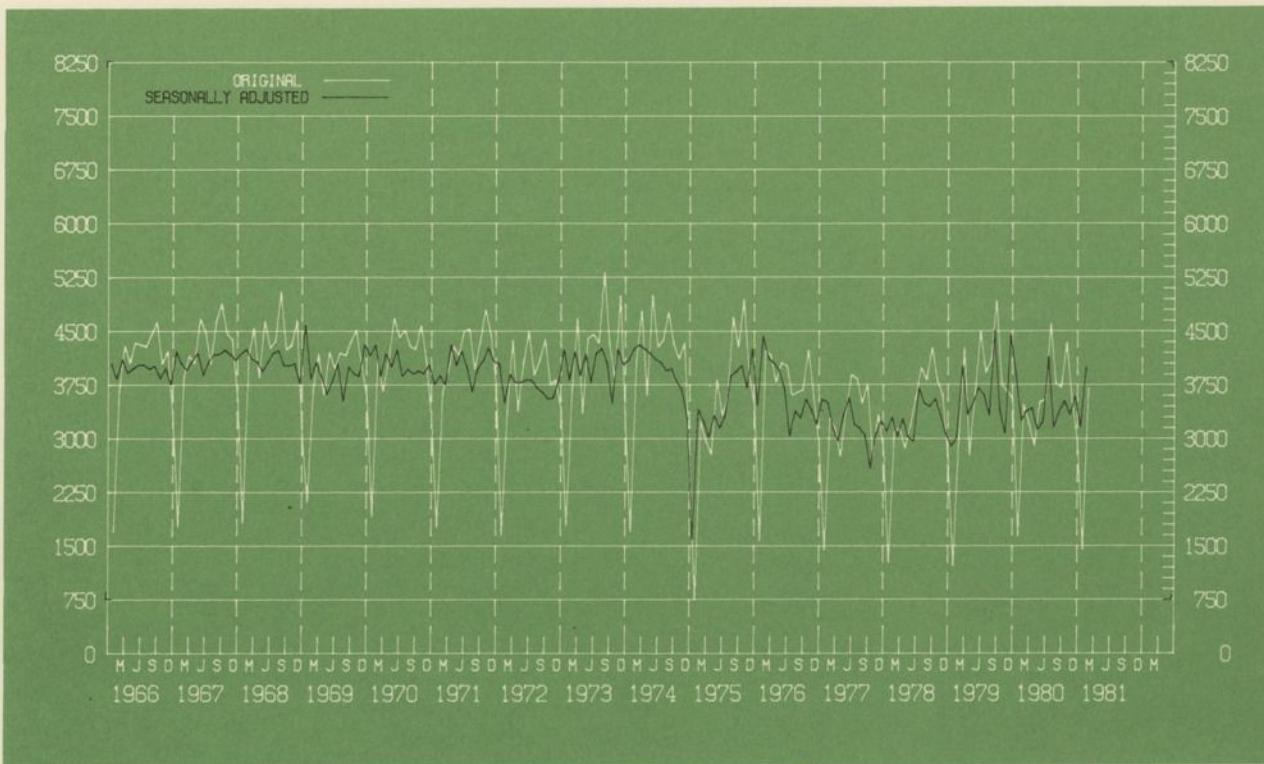
## PARTICLE BOARD PRODUCTION

'000 CUBIC METRES



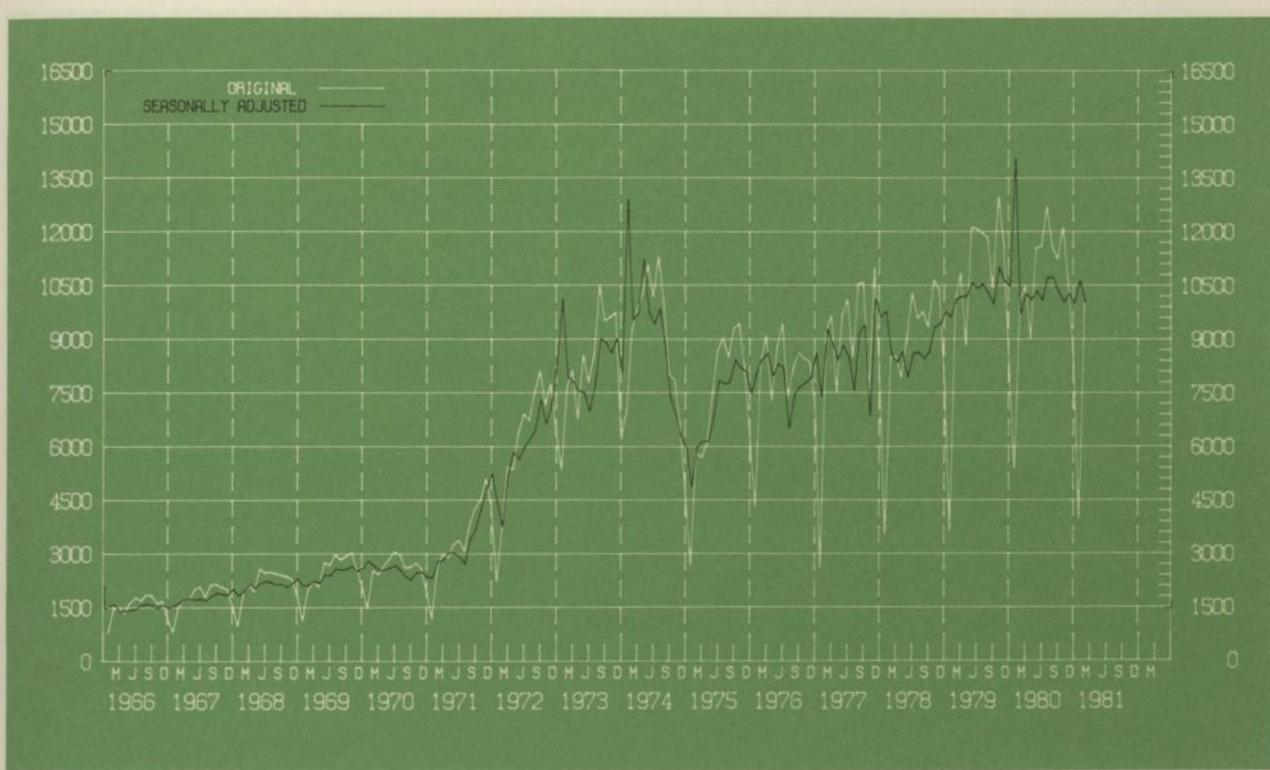
PRODUCTION OF COTTON WOVEN CLOTH  
(EXCLUDING TOWELS AND TOWELLING)

'000 SQ. METRES



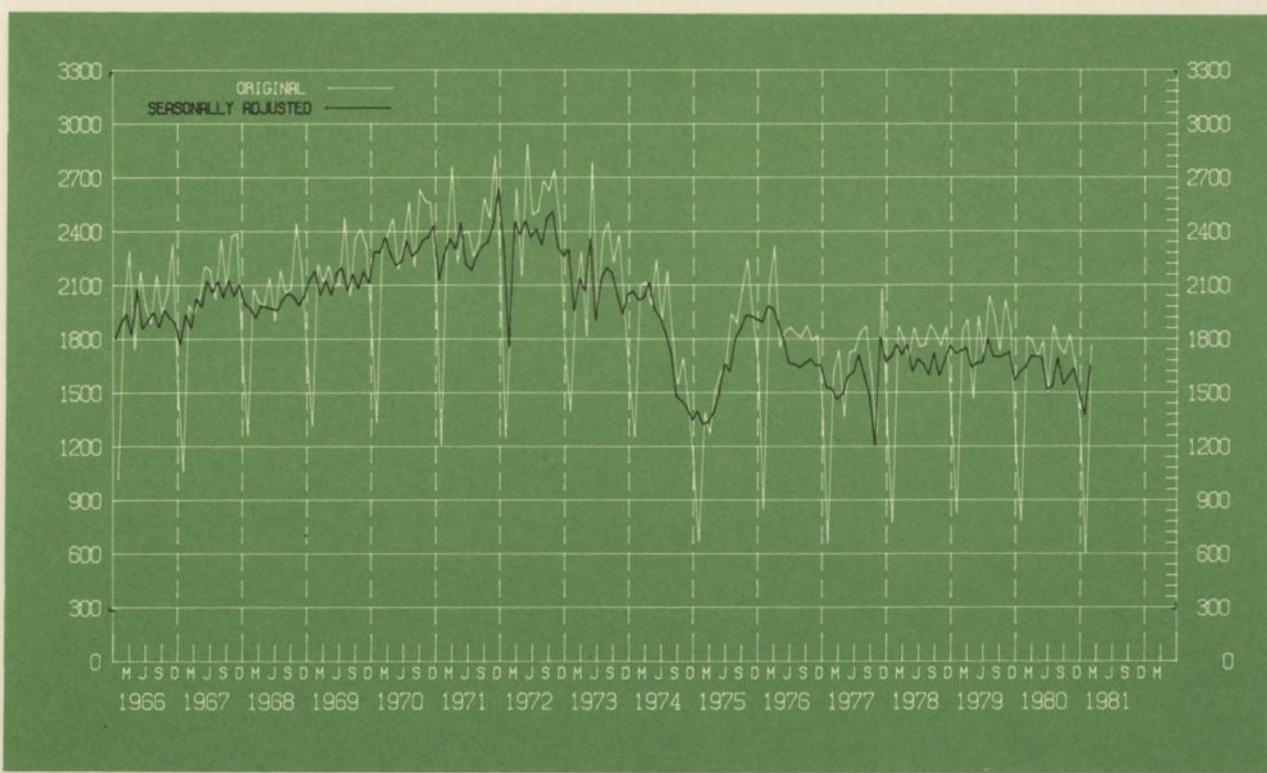
**SEASONALLY ADJUSTED**

PRODUCTION OF SYNTHETIC FIBRE WOVEN CLOTH  
1,000 SQ. METRES



## PRODUCTION OF WOOLLEN YARN (A)

'000 KILOGRAMS



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	1019	1948	2286	1740	2175	1979	1882	2158	1940	2055	2325	1559
1967	1058	1986	1940	2027	2203	2179	2020	2359	2083	2373	2382	1683
1968	1263	2077	2006	1984	2139	1901	2183	2057	2079	2439	2201	1714
1969	1312	2214	2116	2207	2091	2110	2473	2038	2363	2409	2319	1889
1970	1335	2315	2378	2468	2188	2325	2559	2203	2631	2567	2554	2188
1971	1207	2305	2762	2225	2389	2399	2259	2335	2581	2471	2820	2190
1972	1247	1963	2635	2150	2888	2491	2513	2679	2627	2739	2471	1733
1973	1393	2036	2285	1813	2784	1959	2372	2445	2228	2377	2009	1561
1974	1251	2097	2115	1987	2239	1901	2177	1816	1547	1694	1444	1097
1975	667	1387	1270	1518	1610	1665	1938	1887	2081	2245	1936	1653
1976	849	2081	2310	1755	1842	1861	1826	1809	1870	1791	1815	1396
1977	657	1607	1735	1365	1727	1734	1835	1870	1613	1263	2078	1340
1978	771	1871	1800	1694	1858	1753	1767	1877	1822	1760	1864	1371
1979	824	1842	1907	1463	1921	1697	2039	1923	1734	2013	1859	1207
1980	778	1810	1785	1696	1782	1508	1870	1755	1716	1820	1669	1311
1981	604	1759										

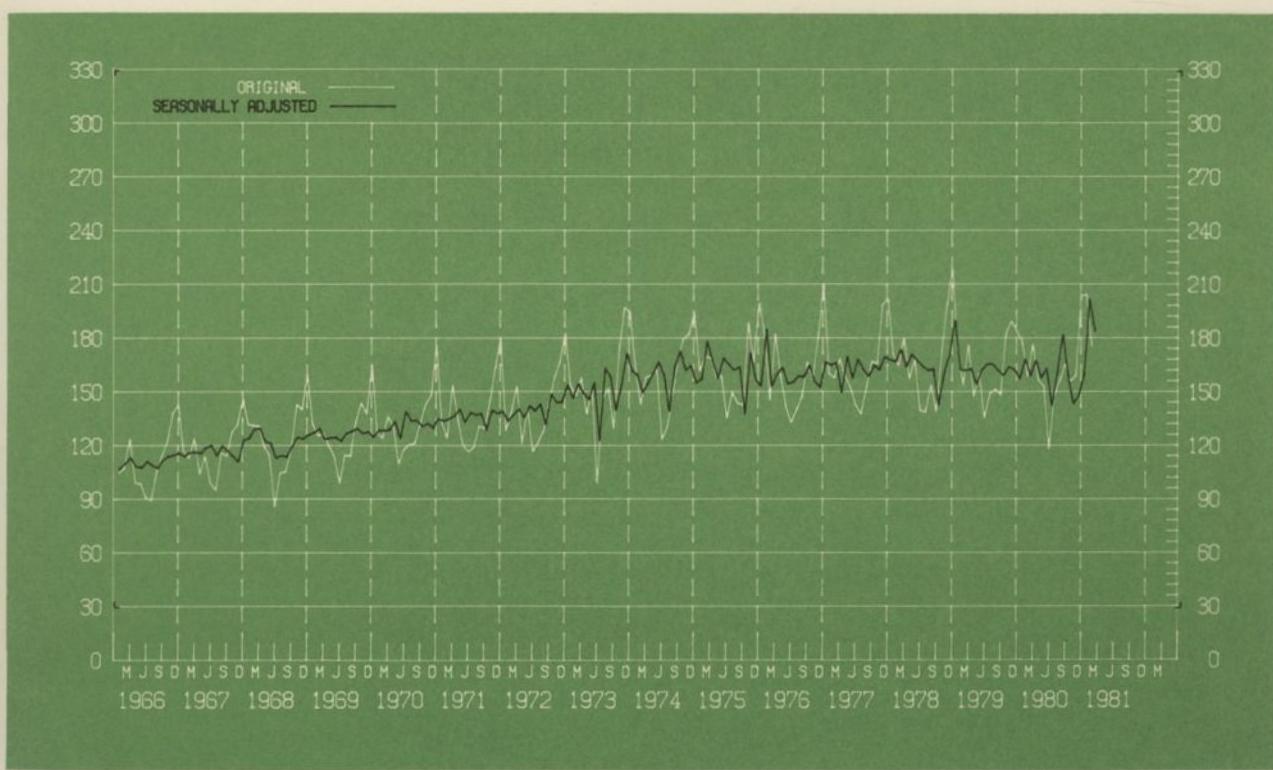
## SEASONALLY ADJUSTED

1966	1819	1902	1953	1839	2089	1871	1919	1963	1879	1974	1932	1903
1967	1784	1951	1873	2038	1992	2137	2072	2135	2048	2139	2052	2117
1968	2004	1986	1931	1999	1989	1982	1974	2034	2069	2049	2001	2053
1969	2143	2190	2057	2138	2058	2180	2211	2081	2174	2094	2187	2125
1970	2299	2295	2379	2283	2223	2244	2360	2274	2304	2363	2380	2445
1971	2145	2286	2371	2312	2457	2230	2196	2278	2330	2351	2445	2647
1972	2328	1769	2464	2392	2470	2378	2426	2335	2485	2519	2326	2277
1973	2312	1970	2147	2079	2368	1917	2150	2210	2177	2063	1949	2061
1974	2076	2026	2043	2126	1974	1930	1847	1738	1491	1469	1425	1359
1975	1406	1335	1348	1404	1506	1671	1628	1810	1866	1943	1935	1918
1976	1900	1994	1979	1897	1804	1673	1668	1652	1674	1696	1661	1664
1977	1538	1533	1473	1504	1602	1621	1721	1606	1496	1214	1819	1683
1978	1708	1777	1722	1776	1624	1696	1670	1607	1729	1597	1688	1771
1979	1726	1742	1758	1648	1674	1680	1808	1709	1705	1718	1734	1572
1980	1626	1649	1710	1711	1701	1526	1544	1702	1551	1599	1642	1508
1981	1382	1658										

(A) INCLUDES MIXTURES PREDOMINANTLY OF THE FIBRE NAMED.

## BEER PRODUCTION

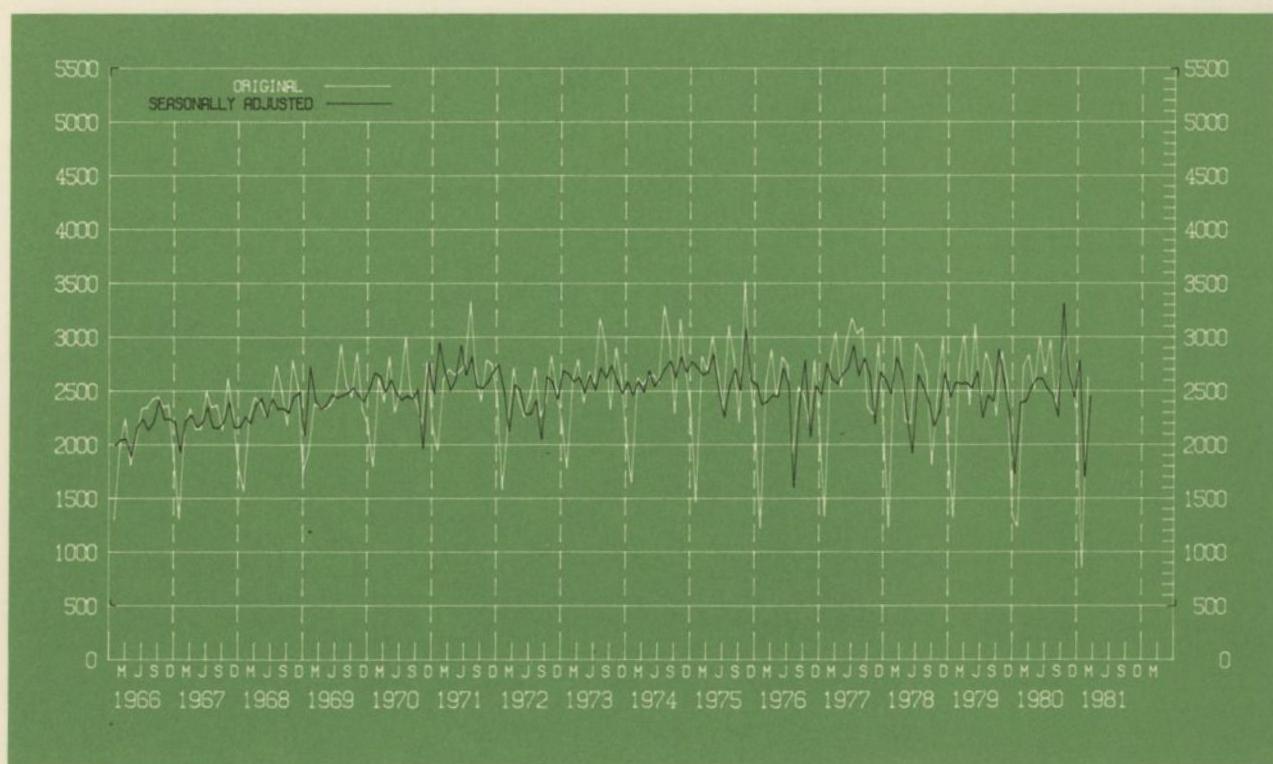
MILLION LITRES



**SEASONALLY ADJUSTED**

## TOBACCO AND CIGARETTE PRODUCTION (A)

TONNES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1305	1977	2240	1808	2042	2334	2339	2420	2443	2344	2366	1889
1967	1304	2161	2336	2139	2144	2488	2341	2365	2131	2614	2288	1783
1968	1563	2258	2434	2381	2259	2337	2734	2503	2180	2781	2540	1754
1969	1919	2376	2346	2332	2373	2449	2928	2561	2440	2853	2319	2190
1970	1796	2614	2397	2818	2300	2494	2996	2465	2401	2192	2767	2167
1971	1946	2611	2698	2648	2683	2745	3330	2678	2397	2786	2742	2446
1972	1584	2207	2709	2420	2260	2439	2718	2259	2390	2824	2516	2209
1973	1782	2598	2788	2387	2674	2574	3177	2942	2327	2901	2615	2077
1974	1646	2619	2558	2638	2647	2571	3285	2998	2291	3167	2695	2301
1975	1465	2822	2684	3007	2690	2324	3105	2817	2211	3519	2648	2182
1976	1217	2585	2885	2443	2817	2731	1909	2534	2457	2195	2784	2140
1977	1330	2779	3047	2537	2964	3170	3029	3084	2346	2275	2945	2147
1978	1231	2999	2989	2212	2193	2939	2850	2656	1808	2461	2984	1934
1979	1323	2741	3020	2369	3116	2397	2858	2690	2268	2859	2588	1339
1980	1235	2727	2832	2514	2994	2660	2972	2346	2779	3003	2516	2301
1981	856	2620										

## SEASONALLY ADJUSTED

1966	1995	2045	2048	1887	2156	2230	2132	2202	2409	2233	2236	2205
1967	1929	2218	2277	2159	2196	2345	2153	2151	2213	2391	2149	2161
1968	2254	2192	2369	2424	2255	2420	2329	2336	2295	2442	2480	2080
1969	2719	2407	2327	2361	2466	2433	2457	2481	2524	2450	2398	2515
1970	2663	2635	2488	2603	2474	2412	2449	2424	2510	1958	2761	2473
1971	2945	2683	2505	2596	2922	2643	2814	2536	2519	2582	2672	2745
1972	2506	2123	2554	2504	2279	2288	2413	2051	2632	2577	2423	2685
1973	2657	2583	2628	2478	2651	2508	2710	2620	2734	2582	2478	2581
1974	2460	2590	2487	2688	2542	2612	2708	2777	2626	2814	2674	2771
1975	2717	2647	2675	2840	2496	2254	2545	2703	2506	3076	2588	2559
1976	2373	2402	2461	2449	2711	2559	1603	2380	2782	2076	2544	2465
1977	2757	2610	2569	2666	2715	2921	2646	2803	2658	2196	2675	2597
1978	2473	2813	2668	2264	1923	2653	2540	2403	2173	2300	2670	2442
1979	2583	2567	2575	2528	2683	2255	2461	2400	2882	2595	2283	1729
1980	2396	2402	2534	2620	2614	2520	2465	2266	3310	2663	2437	2782
1981	1698	2445										

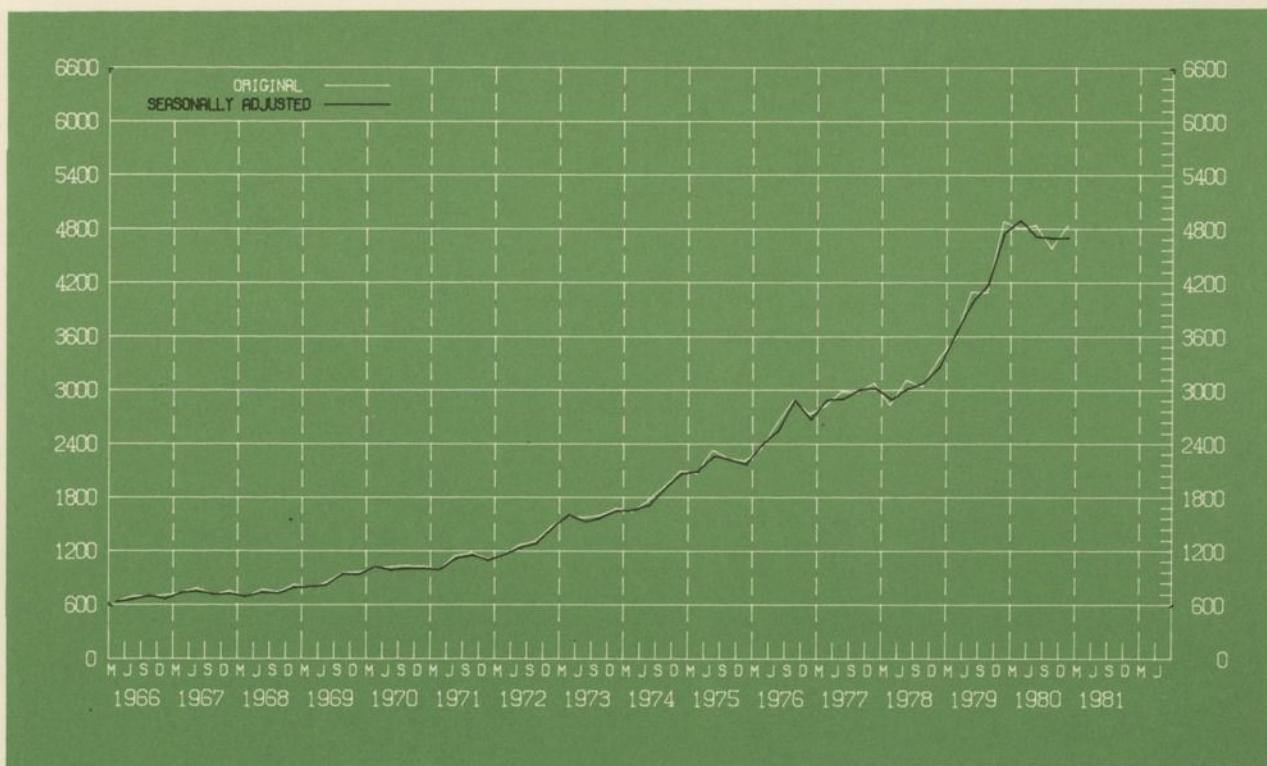
(A) SOURCE OF ORIGINAL DATA - DEPARTMENT OF BUSINESS AND CONSUMER AFFAIRS.

## CONFECTIONERY PRODUCTION

TONNES

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
EXPORTS F.O.B.

\$ MILLION



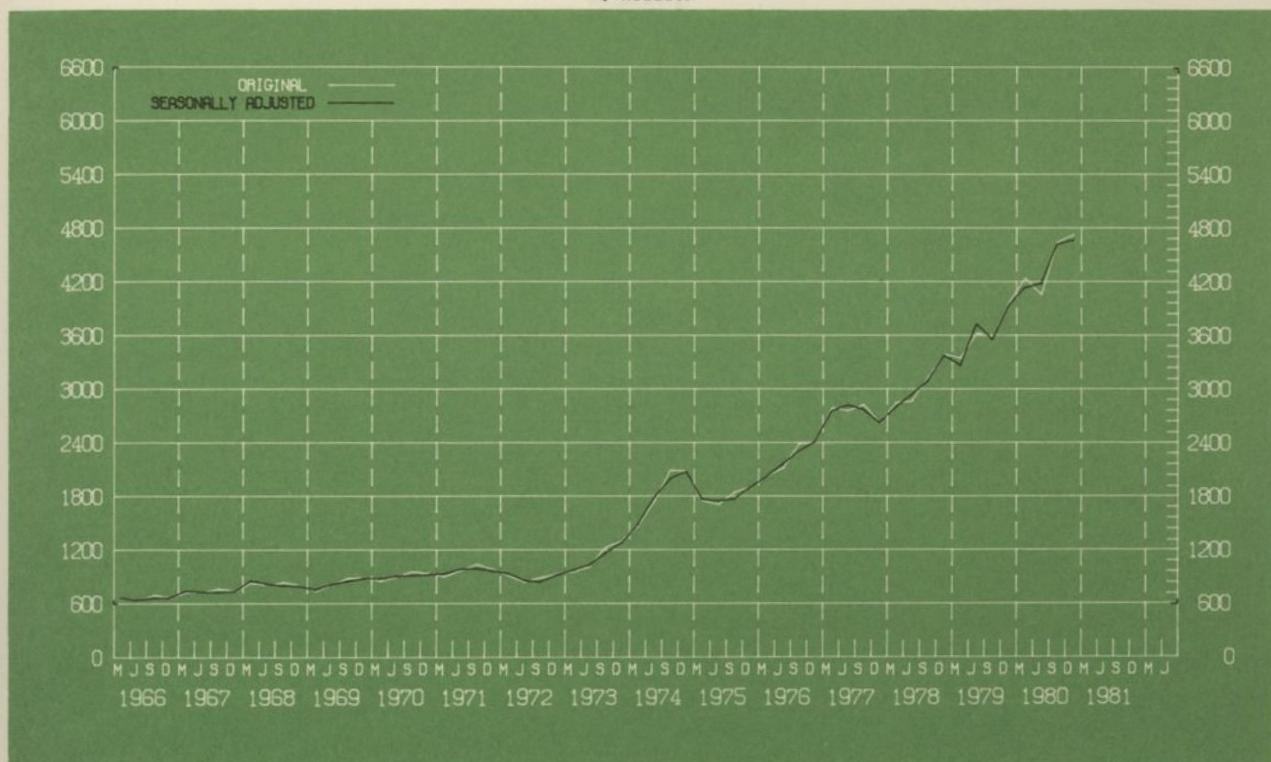
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	637	695	692	705
1967	740	790	715	759
1968	693	774	743	826
1969	793	856	963	970
1970	1014	1022	1038	1033
1971	994	1152	1185	1112
1972	1153	1273	1319	1485
1973	1603	1585	1609	1684
1974	1645	1771	1933	2106
1975	2069	2334	2239	2214
1976	2355	2640	2895	2727
1977	2832	2993	2985	3089
1978	2838	3116	3042	3355
1979	3578	4100	4094	4886
1980	4806	4848	4587	4838

## SEASONALLY ADJUSTED

1966	649	677	716	684
1967	759	771	732	741
1968	714	758	750	812
1969	818	839	965	960
1970	1043	1006	1033	1029
1971	1017	1138	1176	1109
1972	1178	1258	1309	1483
1973	1638	1561	1605	1678
1974	1682	1742	1932	2095
1975	2118	2291	2245	2194
1976	2419	2582	2915	2696
1977	2911	2919	3025	3044
1978	2908	3040	3104	3290
1979	3659	4006	4197	4771
1980	4917	4735	4714	4715

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
IMPORTS F.O.B.

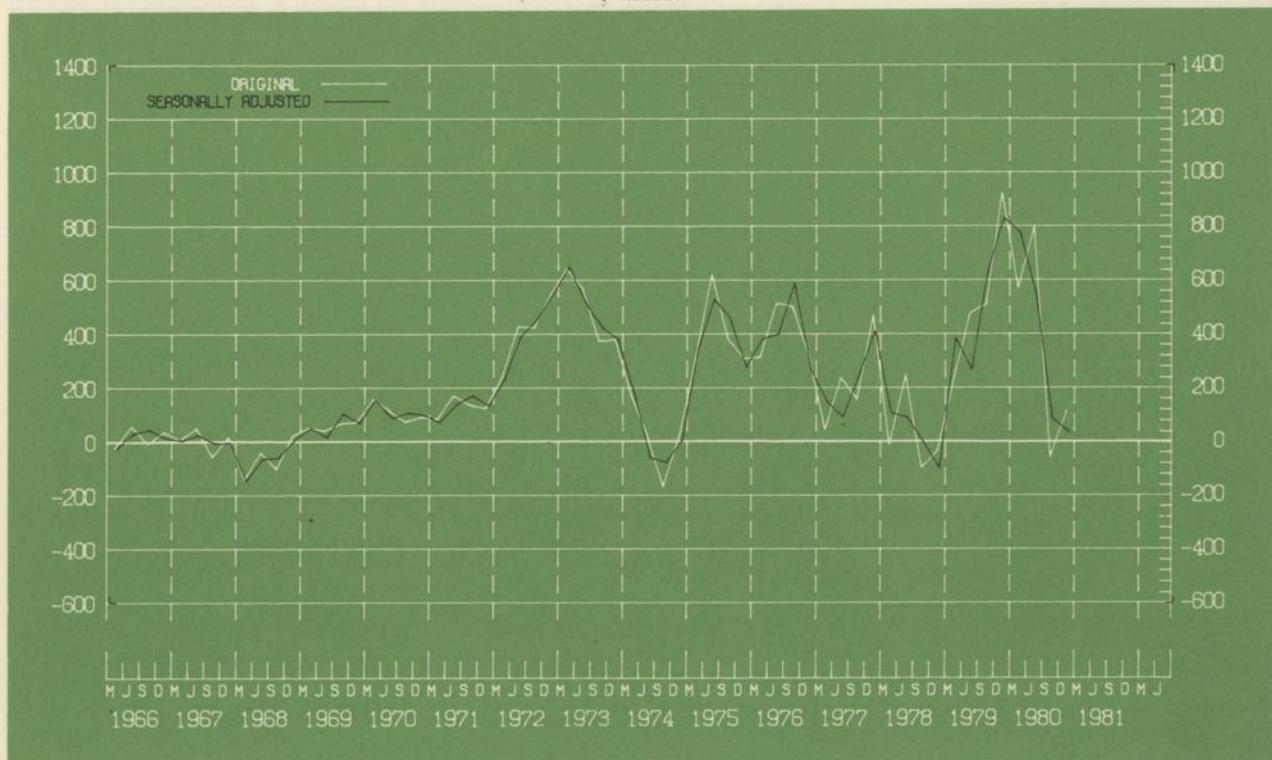
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	658	638	700	667
1967	734	736	770	741
1968	834	814	844	804
1969	740	815	894	897
1970	856	906	962	938
1971	909	981	1047	987
1972	913	844	893	940
1973	960	1016	1234	1303
1974	1471	1747	2099	2085
1975	1756	1711	1858	1905
1976	2037	2124	2393	2407
1977	2789	2757	2829	2620
1978	2849	2868	3138	3388
1979	3344	3623	3582	3961
1980	4235	4052	4644	4724
SEASONALLY ADJUSTED				
1966	674	645	670	673
1967	754	745	737	745
1968	860	822	808	805
1969	766	823	859	892
1970	888	918	924	929
1971	943	999	1003	976
1972	945	865	853	932
1973	987	1045	1179	1296
1974	1499	1801	2009	2089
1975	1773	1762	1789	1918
1976	2037	2180	2326	2426
1977	2762	2829	2779	2632
1978	2801	2949	3106	3389
1979	3273	3739	3562	3941
1980	4142	4189	4630	4679

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE OF TRADE

\$ MILLION



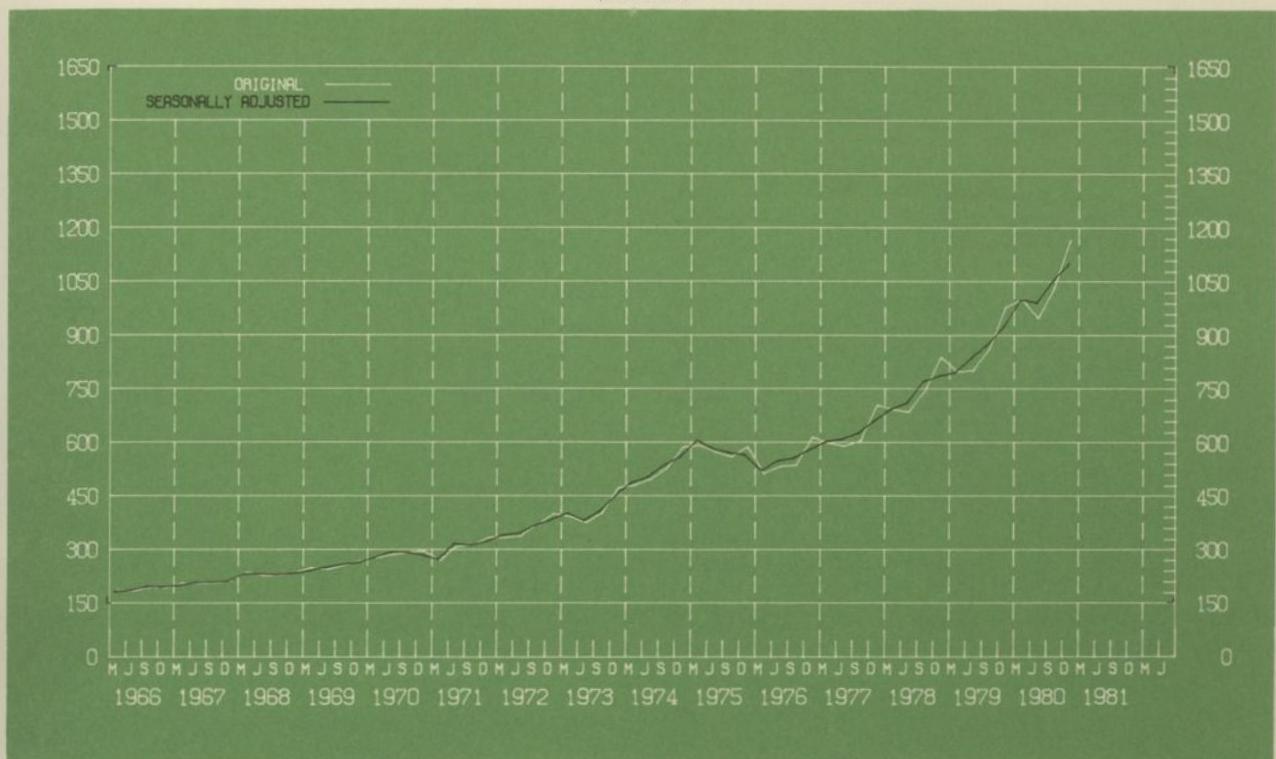
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	-21	57	-8	38
1967	6	53	-55	18
1968	-141	-40	-101	22
1969	52	41	69	74
1970	158	116	76	95
1971	85	171	137	125
1972	240	429	426	545
1973	643	569	375	381
1974	174	25	-167	22
1975	312	623	381	309
1976	318	516	502	320
1977	44	237	156	469
1978	-11	249	-96	-33
1979	234	477	512	925
1980	571	797	-57	113

**SEASONALLY ADJUSTED**

1966	-25	32	46	12
1967	5	26	-5	-4
1968	-146	-64	-58	7
1969	52	17	106	68
1970	156	88	109	100
1971	74	139	172	134
1972	234	392	456	551
1973	651	516	426	381
1974	183	-59	-77	5
1975	345	530	457	276
1976	382	401	589	270
1977	148	90	246	412
1978	107	91	-2	-99
1979	386	266	635	829
1980	775	546	84	36

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE CREDITS

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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## ORIGINAL

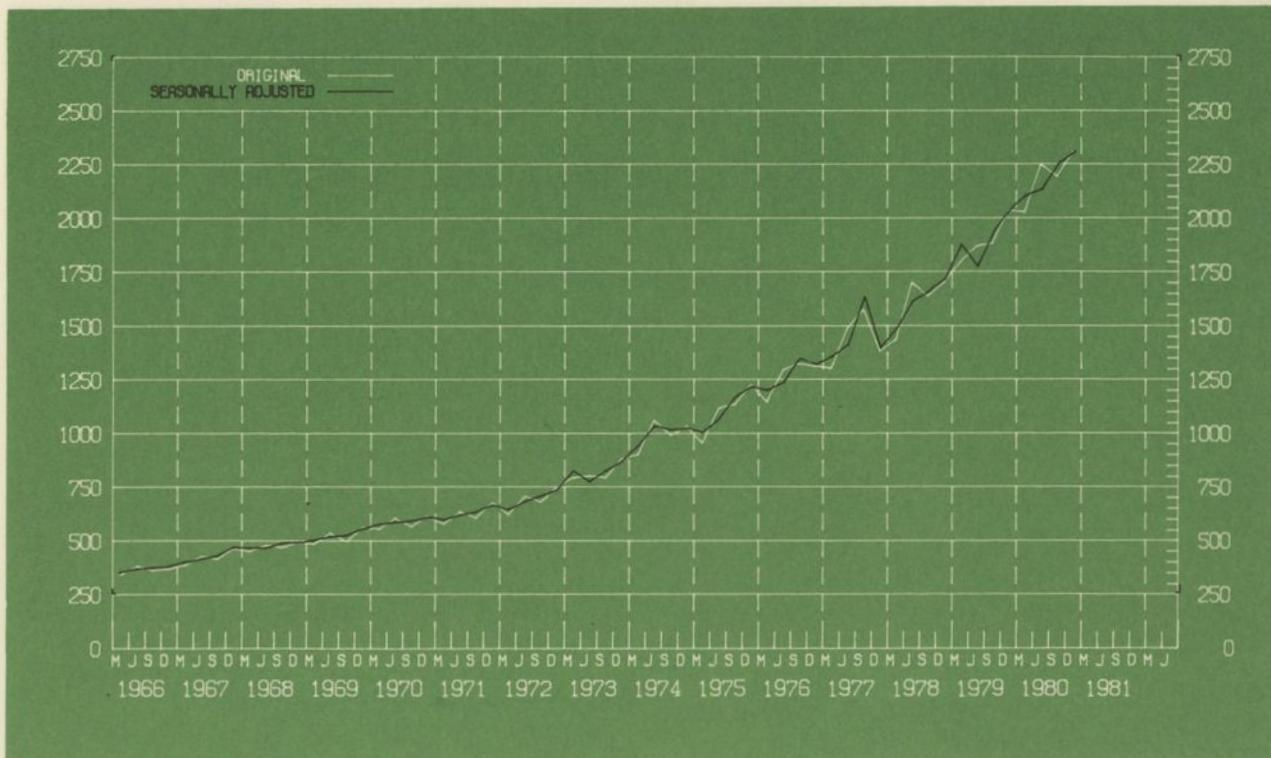
1966	186	185	196	194
1967	208	208	208	215
1968	237	229	229	237
1969	250	247	258	271
1970	279	288	294	296
1971	269	311	314	336
1972	335	339	370	400
1973	392	374	403	473
1974	481	497	529	588
1975	594	573	561	589
1976	513	534	537	616
1977	598	590	606	704
1978	693	687	746	839
1979	798	803	864	980
1980	1001	947	1032	1166

## SEASONALLY ADJUSTED

1966	182	187	197	196
1967	202	210	211	213
1968	233	233	232	234
1969	244	252	260	264
1970	278	295	294	286
1971	274	317	313	324
1972	342	346	368	385
1973	402	381	408	453
1974	489	504	537	561
1975	606	581	571	563
1976	519	547	555	579
1977	602	608	626	661
1978	694	710	771	786
1979	796	838	877	926
1980	999	988	1050	1098

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE DEBITS

\$ MILLION



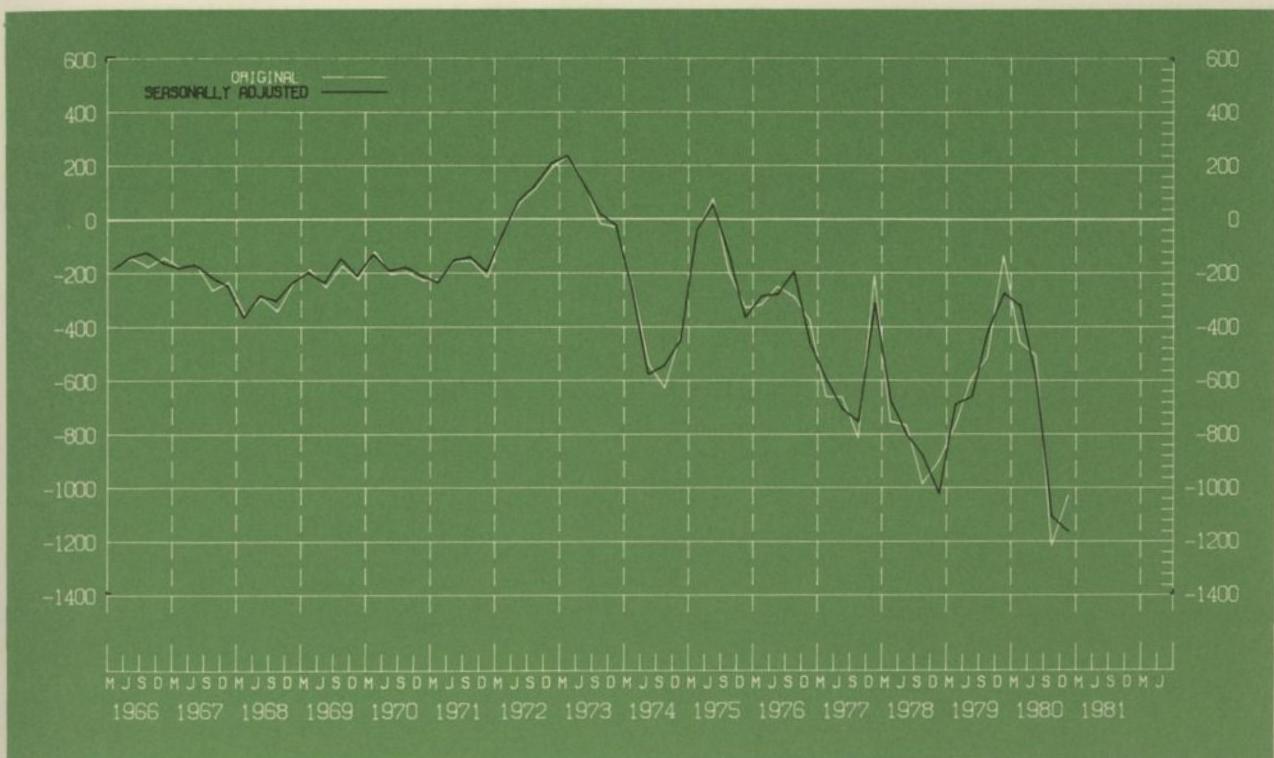
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	342	383	363	372
1967	391	430	417	465
1968	453	481	471	495
1969	485	538	497	568
1970	556	607	566	618
1971	578	636	606	677
1972	621	707	679	750
1973	795	804	793	882
1974	901	1061	990	1035
1975	953	1117	1138	1228
1976	1146	1296	1326	1313
1977	1302	1489	1576	1381
1978	1436	1701	1637	1705
1979	1800	1873	1886	2037
1980	2029	2251	2192	2310

## SEASONALLY ADJUSTED

1966	348	365	371	375
1967	398	412	428	465
1968	462	461	485	487
1969	498	515	519	551
1970	572	583	586	604
1971	591	615	629	661
1972	637	675	703	733
1973	820	768	818	862
1974	935	1028	1009	1020
1975	996	1060	1162	1210
1976	1192	1232	1343	1315
1977	1353	1409	1630	1389
1978	1484	1609	1656	1714
1979	1874	1767	1930	2032
1980	2101	2132	2247	2304

BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE ON CURRENT ACCOUNT

\$ MILLION



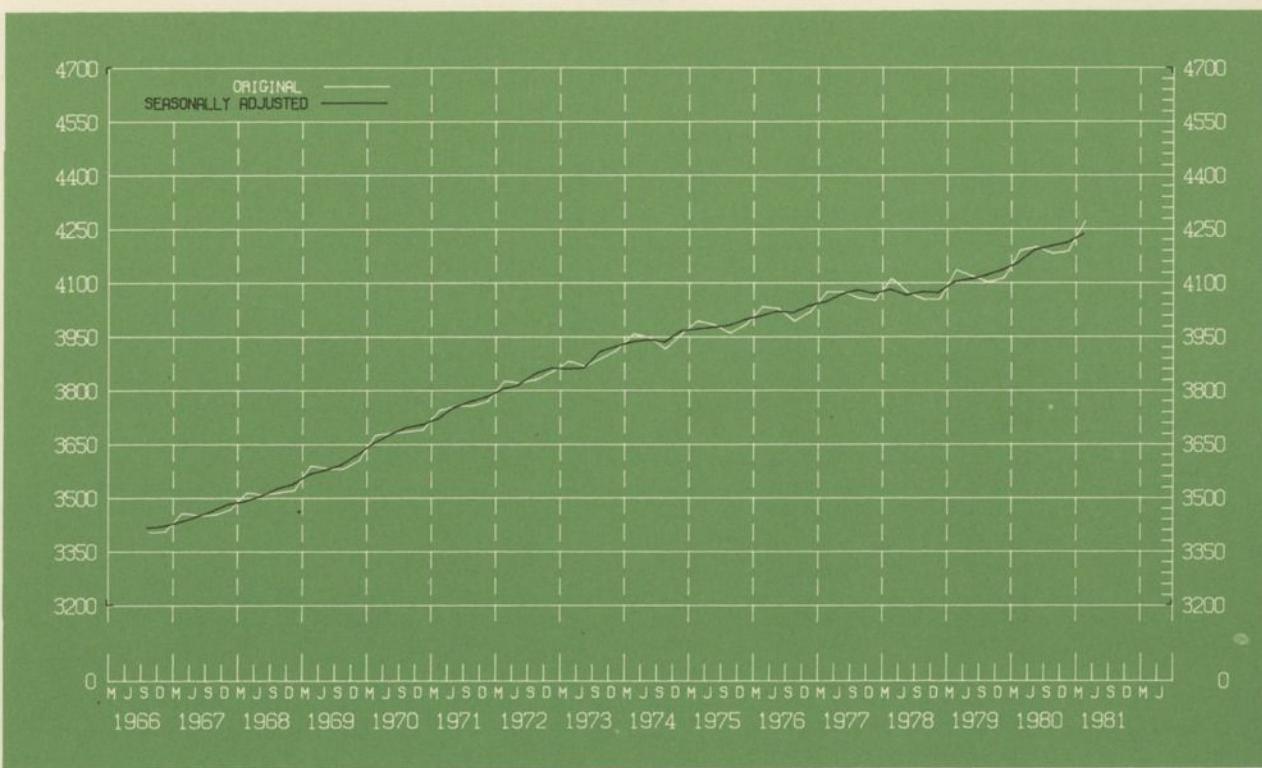
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	-176	-142	-176	-140
1967	-178	-169	-265	-232
1968	-357	-292	-343	-236
1969	-183	-250	-171	-223
1970	-119	-204	-196	-227
1971	-224	-154	-154	-216
1972	-46	61	117	195
1973	240	139	-15	-28
1974	-246	-539	-628	-425
1975	-47	79	-196	-329
1976	-315	-247	-287	-377
1977	-660	-662	-815	-209
1978	-753	-766	-986	-900
1979	-768	-593	-511	-133
1980	-457	-507	-1217	-1031

## SEASONALLY ADJUSTED

1966	-190	-145	-128	-168
1967	-190	-175	-222	-256
1968	-376	-292	-311	-245
1969	-202	-246	-154	-219
1970	-138	-200	-183	-218
1971	-243	-159	-145	-203
1972	-62	63	121	203
1973	233	129	15	-29
1974	-263	-584	-548	-453
1975	-46	51	-134	-370
1976	-291	-284	-200	-466
1977	-602	-711	-759	-316
1978	-683	-808	-887	-1027
1979	-692	-663	-418	-277
1980	-327	-598	-1113	-1170

## CIVILIAN LABOUR FORCE - MALES

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YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966				
1967	3457.8	3450.3	3404.6	3405.4
1968	3514.9	3509.1	3514.0	3523.2
1969	3589.7	3582.5	3580.8	3606.2
1970	3675.6	3680.7	3684.4	3691.2
1971	3743.7	3757.8	3756.5	3771.6
1972	3826.1	3821.5	3832.5	3853.0
1973	3883.2	3867.8	3891.0	3914.1
1974	3958.5	3948.1	3914.9	3957.2
1975	3995.4A	3983.8	3959.4	3985.5
1976	4035.0	4028.6	3992.9	4021.2
1977	4076.2	4076.2	4056.9	4050.4
1978	4112.4B	4072.6	4053.8	4052.4
1979	4135.4	4118.9	4100.7	4115.0
1980	4190.6	4201.1	4180.0	4189.6
1981	4271.4			

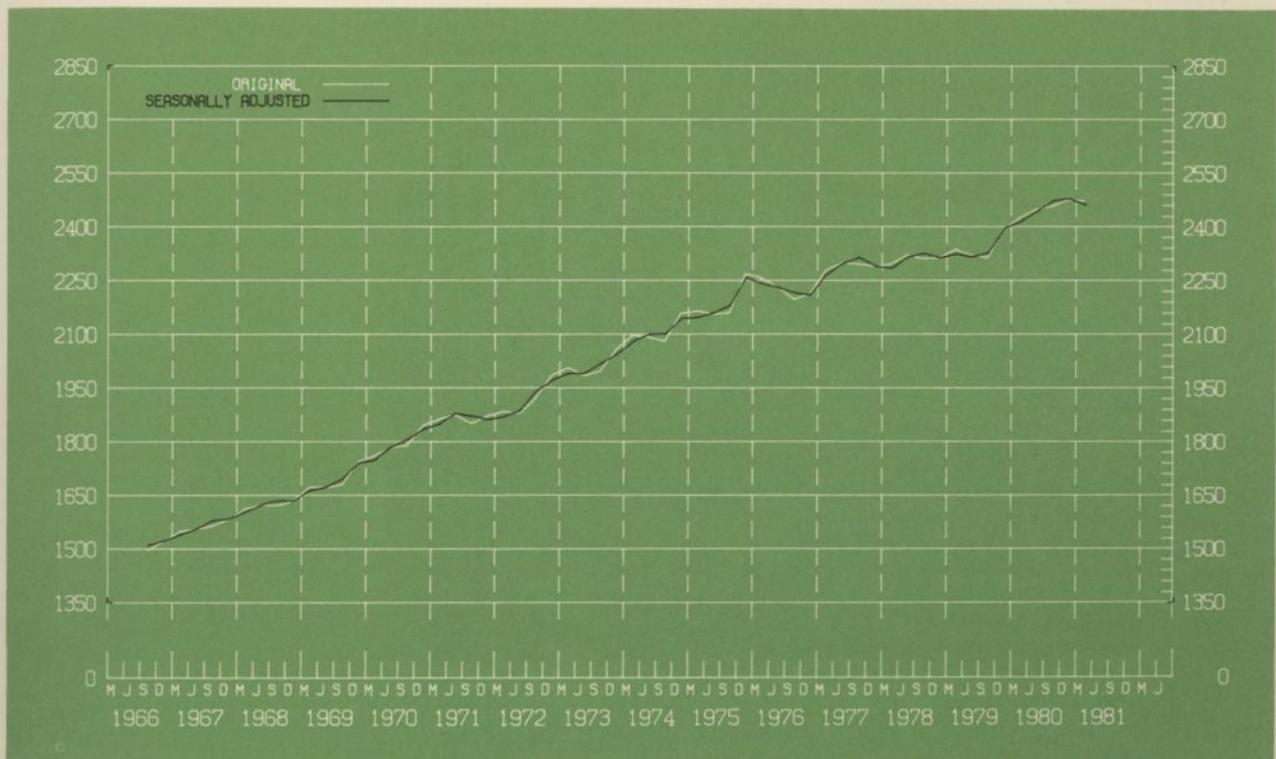
SEASONALLY ADJUSTED				
1966				
1967	3434.0	3447.4	3416.4	3420.2
1968	3491.2	3505.8	3464.3	3483.2
1969	3566.3	3579.0	3525.9	3538.2
1970	3652.8	3676.9	3592.6	3620.9
1971	3721.6	3754.0	3696.6	3704.9
1972	3804.5	3817.3	3769.5	3783.8
1973	3861.3	3862.9	3847.5	3863.8
1974	3935.8	3941.8	3908.7	3923.7
1975	3970.7A	3976.4	3935.2	3967.3
1976	4007.9	4020.3	3981.6	3997.3
1977	4046.6	4067.4	4015.7	4035.9
1978	4081.1B	4063.9	4079.7	4067.6
1979	4103.0	4110.3	4075.4	4071.7
1980	4157.1	4192.8	4121.7	4135.8
1981	4236.8		4200.8	4211.4

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## CIVILIAN LABOUR FORCE - FEMALES

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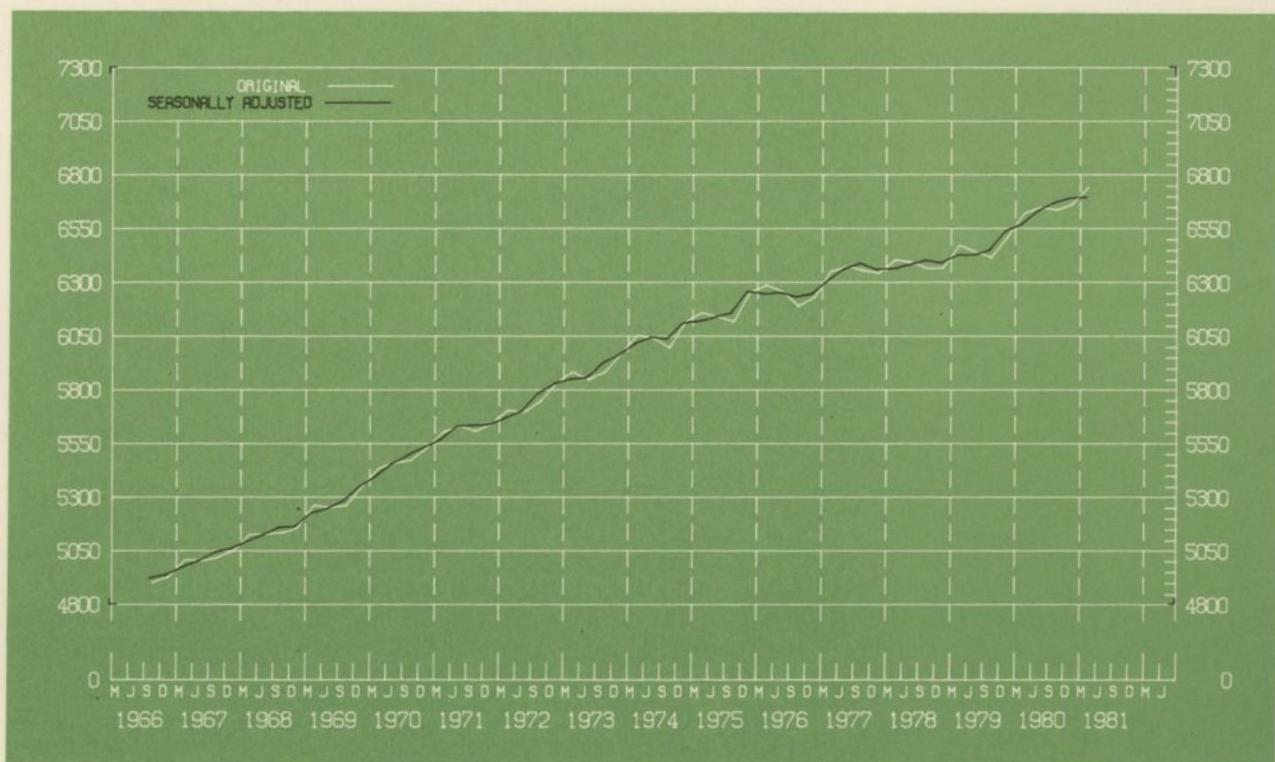


YEAR	MAR. QTR		JUN. QTR		SEP. QTR		DEC. QTR	
	ORIGINAL	SEASONALLY ADJUSTED						
1966								
1967	1552.3	1552.3	1556.6	1556.6	1497.9	1497.9	1524.0	1524.0
1968	1615.1	1615.1	1623.8	1623.8	1567.3	1567.3	1585.3	1585.3
1969	1675.4	1675.4	1673.3	1673.3	1622.8	1622.8	1637.5	1637.5
1970	1761.6	1761.6	1783.9	1783.9	1681.1	1681.1	1745.9	1745.9
1971	1864.6	1864.6	1876.4	1876.4	1789.3	1789.3	1845.4	1845.4
1972	1884.8	1884.8	1880.4	1880.4	1851.9	1851.9	1873.1	1873.1
1973	2008.0	2008.0	1984.3	1984.3	1921.4	1921.4	1986.2	1986.2
1974	2099.2	2099.2	2093.8	2093.8	2081.2	2081.2	2158.2	2158.2
1975	2165.6A	2165.6A	2156.1	2156.1	2160.3	2160.3	2269.4	2269.4
1976	2255.9	2255.9	2229.6	2229.6	2197.6	2197.6	2215.3	2215.3
1977	2281.3	2281.3	2301.8	2301.8	2297.8	2297.8	2291.9	2291.9
1978	2296.9B	2296.9B	2321.4	2321.4	2311.5	2311.5	2314.6	2314.6
1979	2337.5	2337.5	2321.0	2321.0	2314.6	2314.6	2396.2	2396.2
1980	2428.0	2428.0	2450.3	2450.3	2459.0	2459.0	2476.0	2476.0
1981	2473.4	2473.4						
SEASONALLY ADJUSTED								
1966								
1967	1540.8	1540.8	1556.7	1556.7	1509.2	1509.2	1523.6	1523.6
1968	1603.9	1603.9	1623.7	1623.7	1579.9	1579.9	1583.7	1583.7
1969	1664.4	1664.4	1673.6	1673.6	1636.8	1636.8	1634.1	1634.1
1970	1750.0	1750.0	1785.9	1785.9	1696.6	1696.6	1740.2	1740.2
1971	1851.7	1851.7	1880.6	1880.6	1806.8	1806.8	1836.9	1836.9
1972	1870.8	1870.8	1886.7	1886.7	1871.4	1871.4	1861.8	1861.8
1973	1992.1	1992.1	1992.1	1992.1	1942.7	1942.7	1972.5	1972.5
1974	2081.7	2081.7	2102.0	2102.0	2020.2	2020.2	2045.2	2045.2
1975	2148.4A	2148.4A	2161.7	2161.7	2103.5	2103.5	2146.2	2146.2
1976	2239.6	2239.6	2231.6	2231.6	2181.7	2181.7	2260.8	2260.8
1977	2267.1	2267.1	2300.4	2300.4	2217.3	2217.3	2210.5	2210.5
1978	2283.8B	2283.8B	2318.3	2318.3	2315.5	2315.5	2290.8	2290.8
1979	2325.6	2325.6	2316.7	2316.7	2327.0	2327.0	2315.5	2315.5
1980	2416.4	2416.4	2445.1	2445.1	2328.9	2328.9	2398.0	2398.0
1981	2461.9	2461.9			2474.1	2474.1	2478.4	2478.4

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.  
 (B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## CIVILIAN LABOUR FORCE - PERSONS

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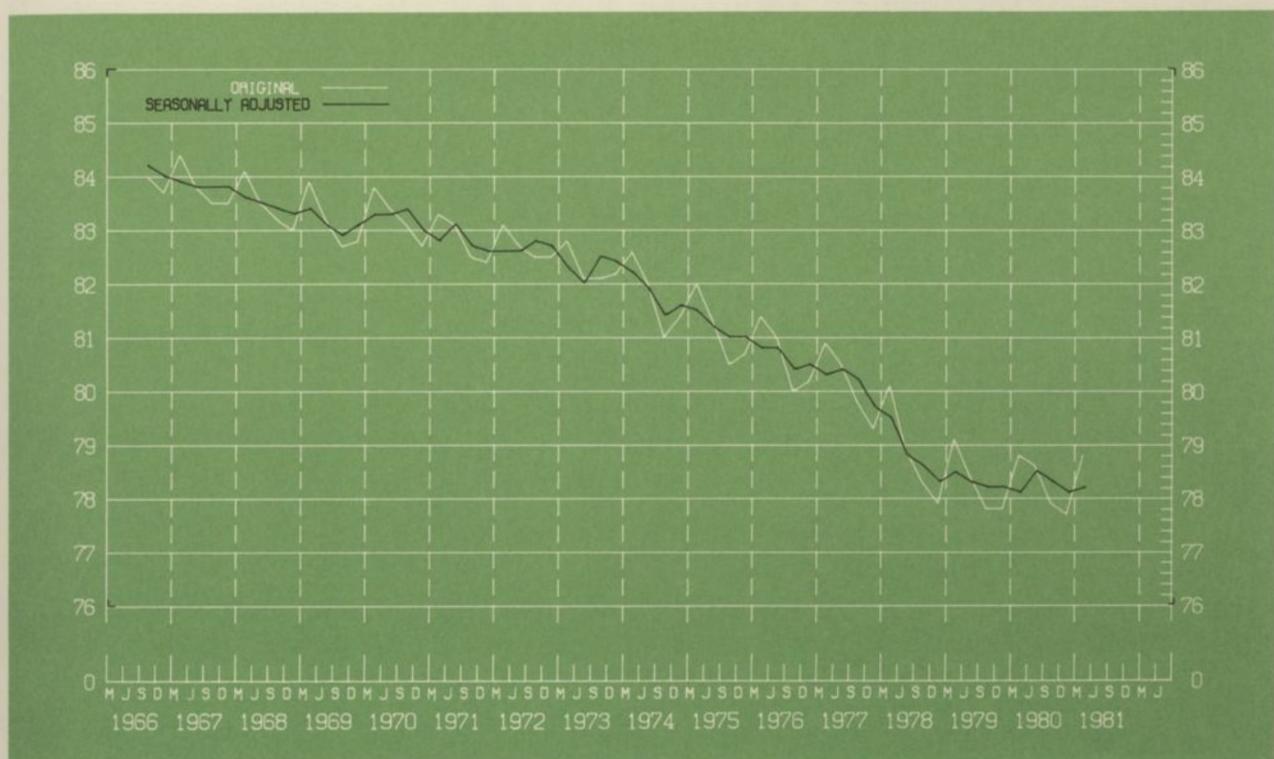


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			4902.5	4929.4
1967	5010.0	5006.8	5019.8	5053.5
1968	5130.0	5132.9	5136.8	5160.7
1969	5265.1	5255.8	5261.9	5352.1
1970	5437.2	5464.6	5473.8	5536.6
1971	5608.3	5634.3	5608.4	5644.7
1972	5710.9	5701.9	5753.9	5839.2
1973	5891.2	5852.1	5888.7	5973.1
1974	6057.6	6041.9	5996.1	6115.5
1975	6160.9A	6139.8	6119.7	6254.9
1976	6290.9	6258.2	6190.5	6236.5
1977	6357.5	6378.0	6354.7	6342.2
1978	6409.3B	6394.0	6365.3	6367.0
1979	6472.9	6439.9	6415.3	6511.2
1980	6618.6	6651.4	6639.0	6665.5
1981	6744.8			
SEASONALLY ADJUSTED				
1966			4926.3	4939.9
1967	4976.8	5005.1	5044.9	5063.2
1968	5097.1	5130.5	5163.3	5168.8
1969	5232.6	5253.6	5289.8	5357.9
1970	5404.2	5464.2	5503.4	5539.4
1971	5574.1	5636.9	5640.0	5643.9
1972	5675.3	5707.1	5788.6	5835.1
1973	5853.2	5858.3	5926.9	5967.8
1974	6017.3	6046.6	6036.8	6112.6
1975	6119.5A	6140.0	6161.4	6258.2
1976	6247.8	6252.9	6231.8	6246.8
1977	6313.7	6367.9	6394.3	6359.8
1978	6364.3B	6381.8	6401.7	6389.4
1979	6427.5	6426.5	6449.6	6537.1
1980	6571.5	6637.5	6673.9	6693.5
1981	6696.6			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

CIVILIAN LABOUR FORCE PARTICIPATION RATES - MALES  
PER CENT

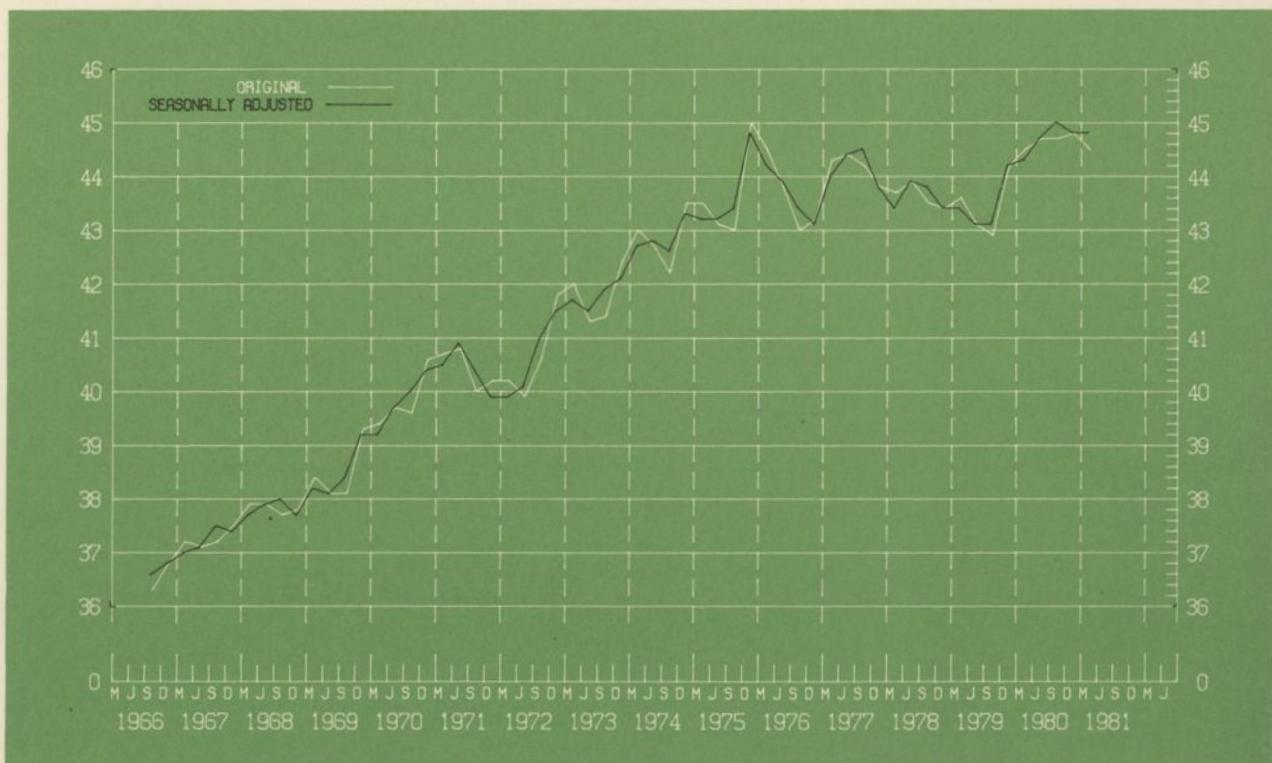


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			84.0	83.7
1967	84.4	83.8	83.5	83.5
1968	84.1	83.5	83.2	83.0
1969	83.9	83.2	82.7	82.8
1970	83.8	83.4	83.1	82.7
1971	83.3	83.1	82.5	82.4
1972	83.1	82.7	82.5	82.5
1973	82.8	82.1	82.1	82.2
1974	82.6	82.0	81.0	81.4
1975	82.0A	81.3	80.5	80.7
1976	81.4	81.0	80.0	80.2
1977	80.9	80.5	79.8	79.3
1978	80.1B	78.9	78.3	77.9
1979	79.1	78.4	77.8	77.8
1980	78.8	78.6	77.9	77.7
1981	78.8			
SEASONALLY ADJUSTED				
1966			84.2	84.0
1967	83.9	83.8	83.8	83.8
1968	83.6	83.5	83.4	83.3
1969	83.4	83.1	82.9	83.1
1970	83.3	83.3	83.4	83.0
1971	82.8	83.1	82.7	82.6
1972	82.6	82.6	82.8	82.7
1973	82.3	82.0	82.5	82.4
1974	82.2	81.9	81.4	81.6
1975	81.5A	81.2	81.0	81.0
1976	80.8	80.8	80.4	80.5
1977	80.3	80.4	80.2	79.7
1978	79.5B	78.8	78.6	78.3
1979	78.5	78.3	78.2	78.2
1980	78.1	78.5	78.3	78.1
1981	78.2			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.  
(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## CIVILIAN LABOUR FORCE

34.

CIVILIAN LABOUR FORCE PARTICIPATION RATES - FEMALES  
PER CENT

YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966				
1967	37.2	37.1	36.3	36.8
1968	37.9	37.9	37.2	37.5
1969	38.4	38.1	37.7	37.8
1970	39.4	39.7	38.1	39.3
1971	40.7	40.8	39.6	40.6
1972	40.2	39.9	40.6	41.8
1973	42.0	41.3	41.4	42.4
1974	43.0	42.7	42.2	43.5
1975	43.5A	43.1	43.0	45.0
1976	44.5	43.8	43.0	43.2
1977	44.3	44.4	44.2	43.8
1978	43.7B	43.9	43.5	43.4
1979	43.6	43.1	42.9	44.2
1980	44.5	44.7	44.7	44.8
1981	44.5			

## SEASONALLY ADJUSTED

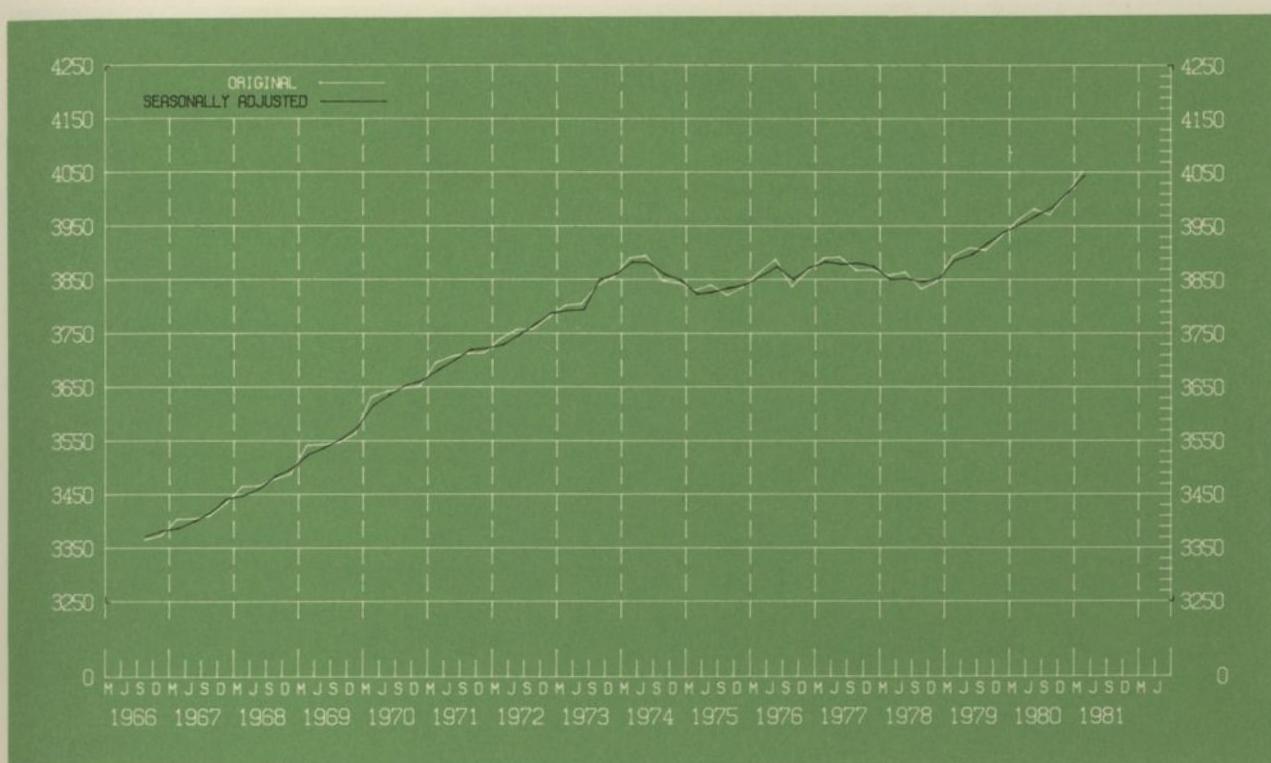
1966	36.6	36.8
1967	37.0	37.4
1968	37.7	37.7
1969	38.2	38.0
1970	39.2	39.4
1971	40.5	40.4
1972	39.9	41.0
1973	41.7	41.9
1974	42.7	42.6
1975	43.2A	43.4
1976	44.2	43.4
1977	44.0	44.5
1978	43.4B	43.8
1979	43.4	43.1
1980	44.3	45.0
1981	44.8	44.8

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## EMPLOYED MALES

'000



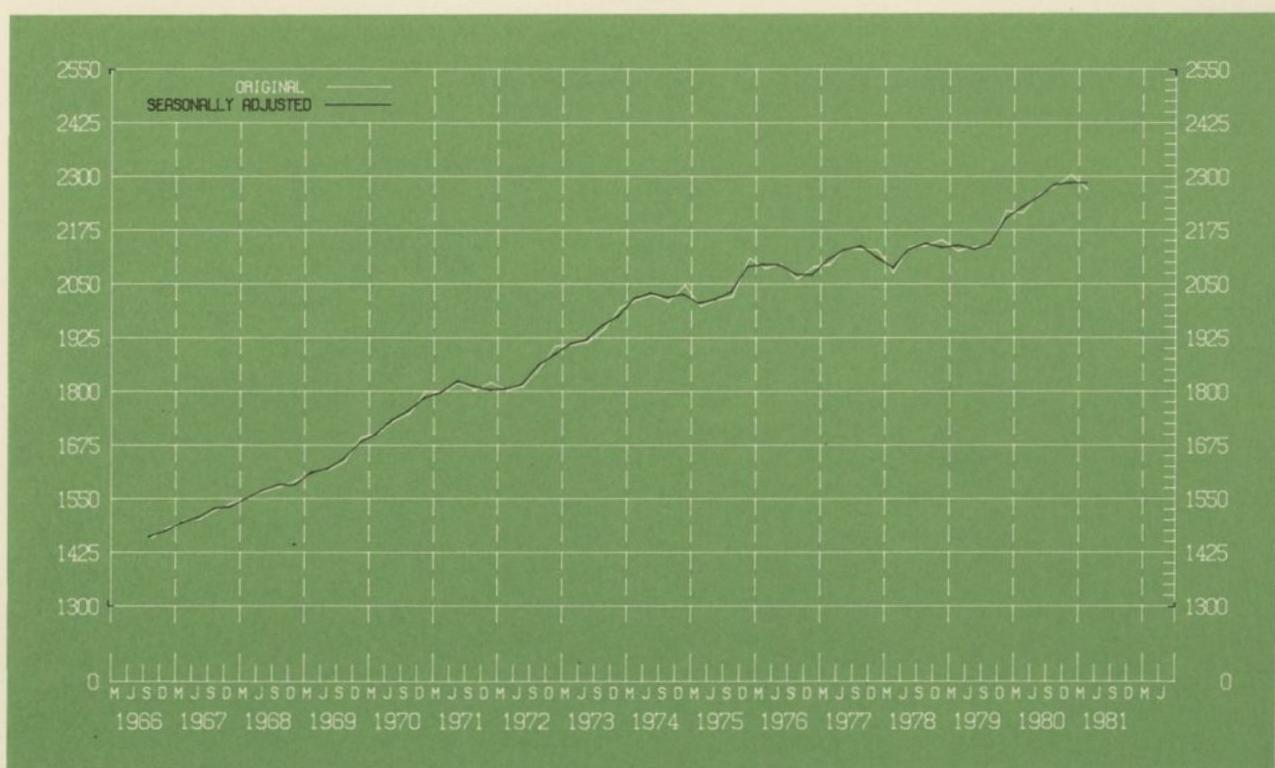
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			3365.6	3373.1
1967	3403.7	3404.1	3410.0	3432.3
1968	3464.6	3465.3	3478.2	3487.8
1969	3540.4	3542.4	3546.7	3562.9
1970	3631.5	3641.8	3647.7	3651.5
1971	3695.7	3707.2	3712.7	3713.7
1972	3740.2	3756.4	3757.7	3780.2
1973	3801.5	3804.6	3839.6	3854.9
1974	3890.1	3894.2	3847.1	3843.7
1975	3829.4A	3839.4	3820.6	3835.3
1976	3863.3	3886.9	3836.3	3866.0
1977	3890.2	3891.5	3866.8	3867.3
1978	3857.4B	3863.5	3832.3	3846.1
1979	3893.6	3908.3	3904.5	3931.2
1980	3960.1	3981.2	3970.9	4006.7
1981	4051.4			
SEASONALLY ADJUSTED				
1966			3373.5	3383.5
1967	3388.3	3401.3	3417.7	3443.2
1968	3449.1	3462.2	3485.3	3499.5
1969	3525.3	3538.7	3553.3	3574.9
1970	3617.4	3637.0	3654.4	3663.1
1971	3683.2	3700.8	3720.4	3723.6
1972	3730.1	3748.2	3767.0	3788.2
1973	3793.4	3794.5	3850.9	3861.2
1974	3883.1	3882.7	3859.8	3849.2
1975	3822.9A	3827.0	3834.4	3840.5
1976	3856.6	3874.1	3850.3	3871.8
1977	3883.1	3878.7	3880.7	3873.5
1978	3849.9B	3851.3	3845.5	3852.6
1979	3886.0	3896.2	3917.5	3937.8
1980	3952.7	3968.9	3984.0	4013.4
1981	4044.0			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY  
WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## EMPLOYED FEMALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			1458.2	1480.6
1967	1497.6	1502.4	1523.0	1538.9
1968	1553.3	1567.3	1577.5	1591.0
1969	1612.5	1617.5	1636.2	1691.7
1970	1700.2	1729.9	1747.8	1799.4
1971	1795.8	1819.4	1803.0	1819.1
1972	1803.3	1811.3	1852.1	1904.1
1973	1906.8	1915.0	1943.3	1994.4
1974	2012.0	2023.8	2008.1	2045.8
1975	1998.4A	2012.3	2020.8	2109.5
1976	2085.5	2095.5	2061.5	2089.0
1977	2095.1	2132.7	2128.6	2128.2
1978	2074.8B	2135.3	2137.2	2151.2
1979	2125.4	2135.0	2136.9	2219.4
1980	2213.9	2256.6	2275.8	2301.8
1981	2269.3			

## SEASONALLY ADJUSTED

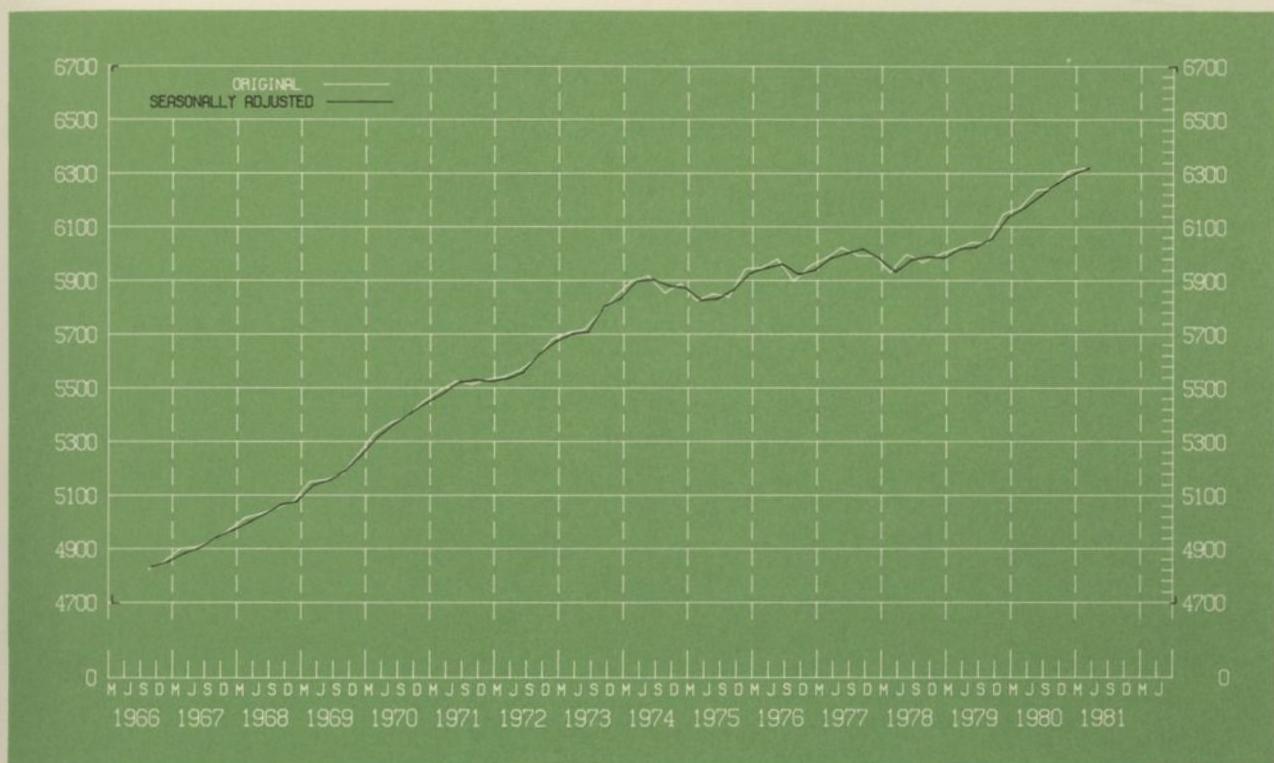
1966			1462.4	1475.4
1967	1494.9	1506.0	1528.0	1532.4
1968	1551.5	1570.5	1583.4	1582.6
1969	1612.0	1620.5	1643.1	1680.8
1970	1701.0	1733.5	1755.6	1785.8
1971	1797.6	1823.8	1811.6	1803.3
1972	1805.9	1816.2	1861.5	1885.9
1973	1910.4	1920.0	1953.7	1974.7
1974	2016.9	2027.9	2018.9	2025.9
1975	2005.2A	2013.7	2031.2	2090.0
1976	2095.1	2093.9	2071.5	2070.8
1977	2107.0	2129.1	2137.3	2111.2
1978	2087.7B	2131.3	2144.0	2135.1
1979	2139.3	2131.1	2142.2	2203.4
1980	2228.7	2252.6	2281.0	2285.6
1981	2284.7			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY  
WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## EMPLOYED PERSONS

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YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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## ORIGINAL

1966			4823.9	4853.7
1967	4901.3	4906.5	4933.0	4971.2
1968	5017.9	5032.6	5055.6	5078.8
1969	5152.9	5159.9	5183.0	5254.6
1970	5331.7	5371.7	5395.6	5450.9
1971	5491.5	5526.6	5515.7	5532.8
1972	5543.5	5567.7	5609.9	5684.3
1973	5708.3	5719.6	5783.0	5849.3
1974	5902.0	5917.9	5855.2	5889.5
1975	5827.8A	5851.6	5841.3	5944.8
1976	5948.8	5982.3	5897.8	5955.0
1977	5985.2	6024.2	5995.4	5995.4
1978	5932.3B	5998.7	5969.6	5997.3
1979	6018.9	6043.3	6041.5	6150.6
1980	6174.1	6237.8	6246.7	6308.5
1981	6320.7			

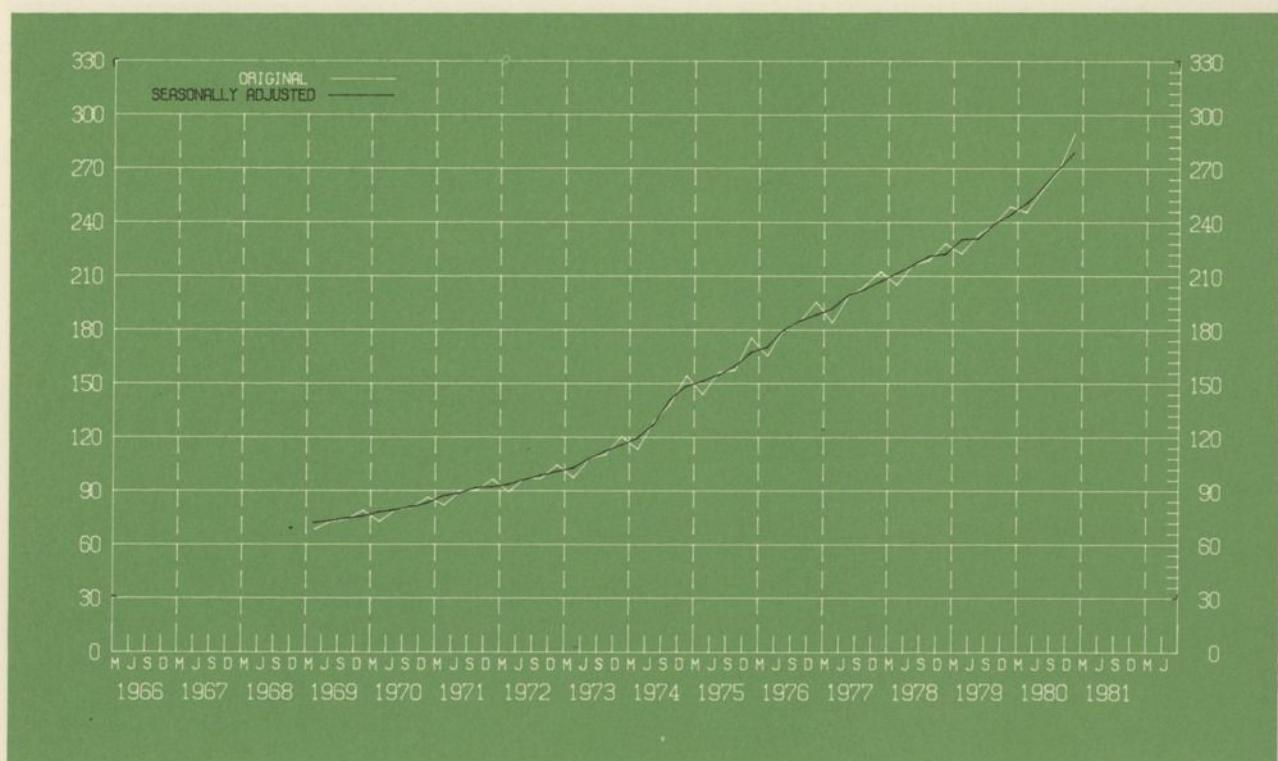
## SEASONALLY ADJUSTED

1966			4836.1	4855.3
1967	4886.3	4907.5	4945.7	4972.4
1968	5003.3	5033.0	5068.6	5079.5
1969	5139.6	5159.2	5196.4	5253.9
1970	5320.6	5369.6	5410.1	5448.4
1971	5482.3	5523.0	5532.4	5527.2
1972	5537.0	5562.1	5629.8	5675.0
1973	5704.1	5711.1	5807.4	5836.5
1974	5900.2	5905.8	5883.0	5875.5
1975	5827.7A	5836.3	5870.5	5931.2
1976	5950.0	5964.5	5926.7	5942.7
1977	5987.5	6005.7	6022.4	5984.9
1978	5934.7B	5981.8	5993.0	5988.2
1979	6021.6	6027.8	6062.2	6142.3
1980	6177.1	6222.7	6266.6	6300.6
1981	6323.9			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.  
(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.

## AVERAGE WEEKLY EARNINGS PER EMPLOYED MALE UNIT

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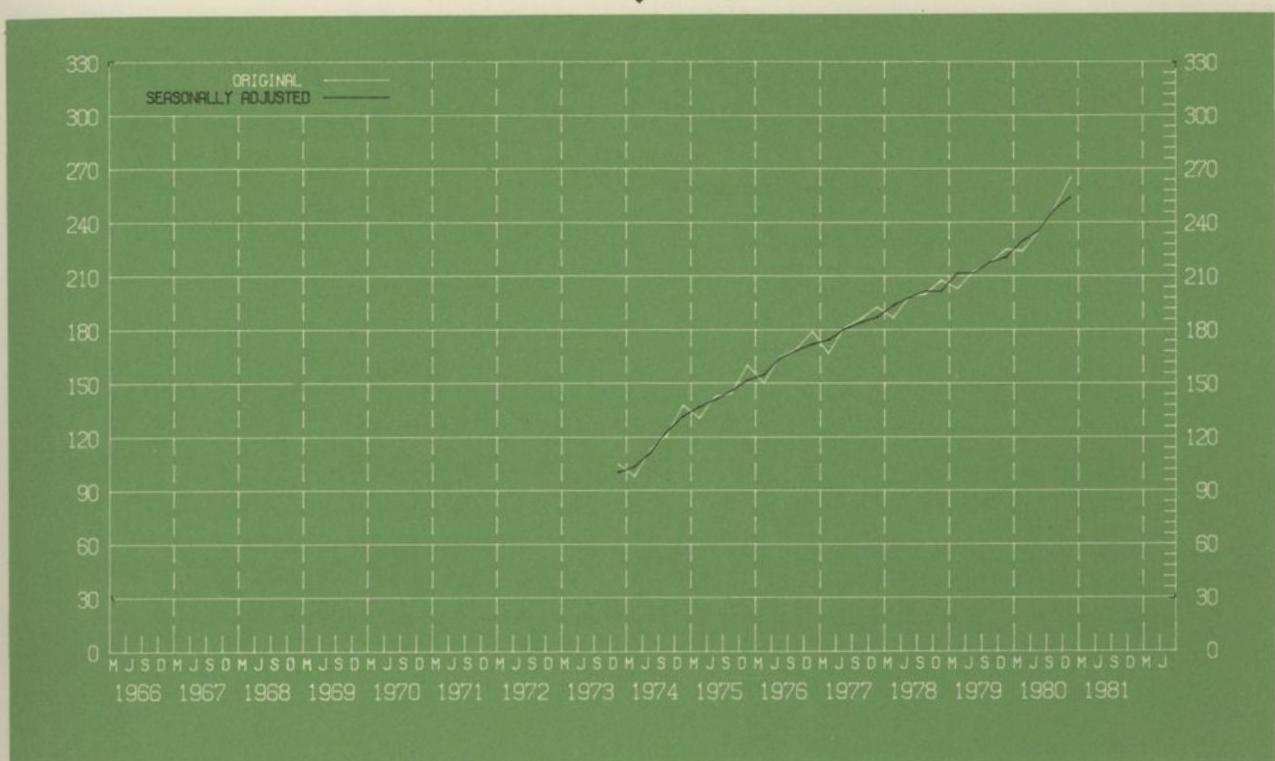
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1969	68.50	72.80	74.10	79.00
1970	72.70	79.40	80.90	86.30
1971	82.00	89.80	90.50	96.50
1972	89.50	97.20	97.10	104.40
1973	97.40	108.20	110.60	120.40
1974	113.30	128.70	138.40	154.40
1975	143.80	156.40	157.60	175.70
1976	165.30	179.80	184.80	195.40
1977	183.80	198.70	204.10	212.50
1978	205.10	216.30	218.90	228.20
1979	222.80	232.60	238.90	248.90
1980	245.70	258.20	268.90	290.00

## SEASONALLY ADJUSTED

	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1969	71.70	72.60	74.10	75.10
1970	77.50	78.80	80.50	82.50
1971	86.70	88.10	91.30	91.70
1972	93.20	95.90	98.30	100.30
1973	102.30	107.60	111.70	115.40
1974	119.30	126.70	140.60	148.20
1975	151.10	154.60	159.40	167.20
1976	170.10	179.40	184.60	188.10
1977	191.50	199.10	202.40	206.90
1978	211.40	216.00	220.90	222.20
1979	230.40	230.90	239.10	244.30
1980	250.90	258.90	268.70	278.40

AVERAGE WEEKLY ORDINARY TIME EARNINGS (A)  
FULL TIME NON-MANAGERIAL ADULT MALE EMPLOYEES

\$



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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## ORIGINAL

1973				104.50
1974	98.00	113.00	121.00	137.50
1975	130.50	142.50	144.50	160.00
1976	150.00	164.50	169.00	179.00
1977	166.50	181.00	186.00	192.50
1978	186.50	198.50	200.00	207.50
1979	203.00	212.00	217.00	225.00
1980	224.00	235.00	248.00	265.00

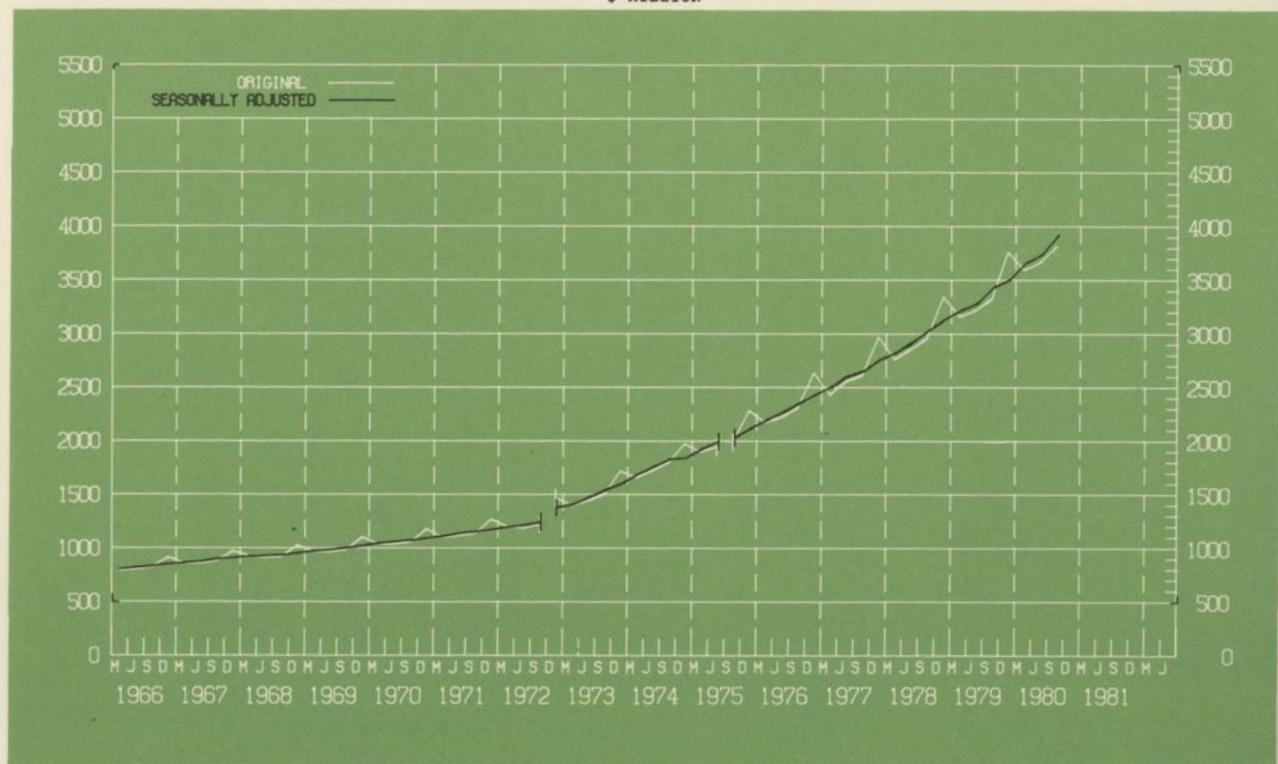
## SEASONALLY ADJUSTED

1973				100.00
1974	103.50	111.00	123.00	131.50
1975	137.00	141.00	146.00	152.00
1976	155.00	164.00	168.50	172.00
1977	174.50	180.50	184.00	187.00
1978	193.50	198.00	201.50	201.50
1979	211.50	211.50	217.50	220.50
1980	229.50	235.00	247.00	254.00

(A) FIGURES HAVE BEEN ROUNDED TO THE NEAREST 50 CENTS.

QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CURRENT PRICES

\$ MILLION



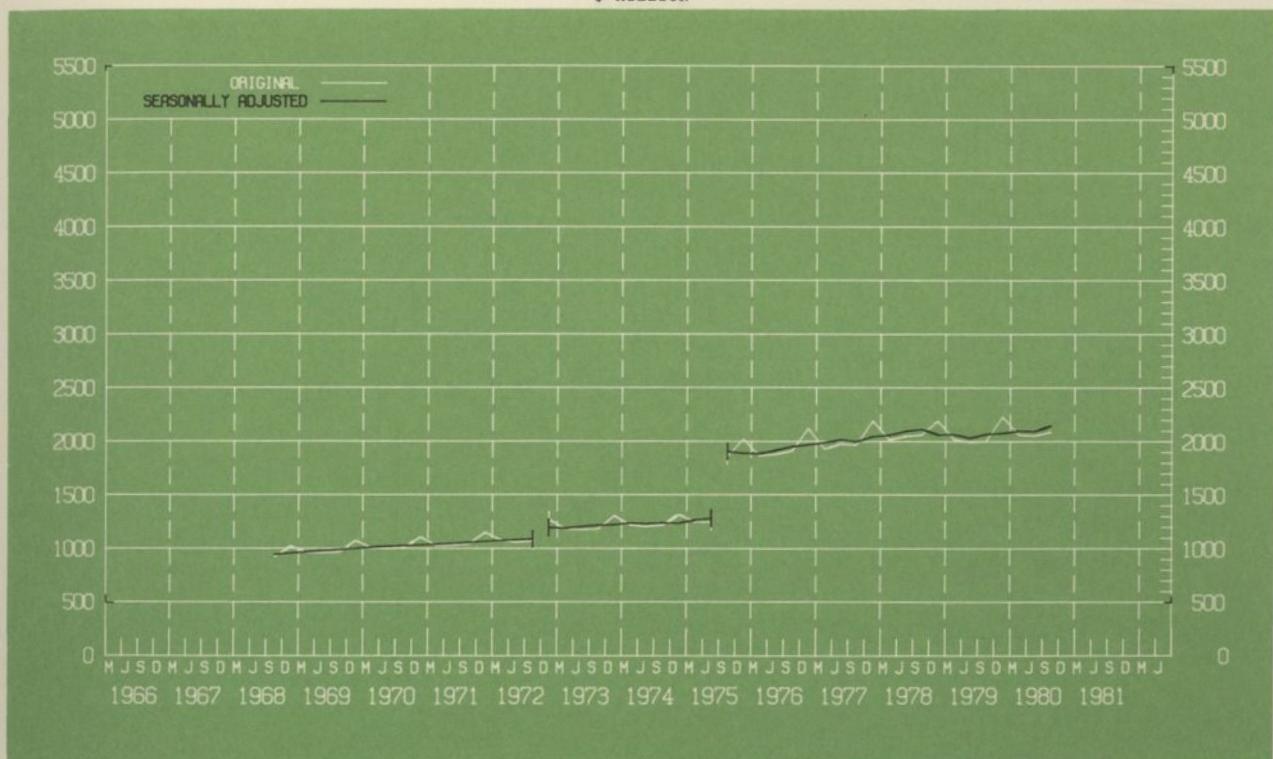
YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
				ORIGINAL								
1966	788.6			799.6			821.4			913.5		
1967	855.0			853.8			879.6			970.1		
1968	922.1			907.4			914.2			1021.7		
1969	962.5			962.9			979.2			1097.7		
1970	1037.5			1035.1			1052.9			1174.8		
1971	1098.7			1114.0			1135.6			1265.7		
1972	1197.0			1186.2			1220.2			1466.1B		
1973	1396.0			1439.7			1500.1			1715.1		
1974	1657.5			1719.3			1796.3			1970.0		
1975	1898.1			1941.5			1986.2B			2281.5		
1976	2172.3			2222.9			2305.7			2632.0		
1977	2431.2			2554.5			2610.9			2967.8		
1978	2760.1			2855.7			2957.5			3343.2		
1979	3154.2			3220.7			3322.3			3760.2		
1980	3594.5			3667.9			3813.7					
SEASONALLY ADJUSTED												
1966	808.2			822.5			836.7			855.6		
1967	867.6			881.0			902.3			913.3		
1968	928.0			932.6			939.5			957.4		
1969	977.3			989.3			1008.0			1026.3		
1970	1053.2			1067.1			1078.9			1100.1		
1971	1119.4			1144.1			1163.7			1178.8		
1972	1204.9			1219.7			1248.8			1382.2B		
1973	1412.6			1479.9			1548.5			1604.9		
1974	1695.4			1764.0			1837.5			1846.1		
1975	1933.2			1998.9			2037.9B			2125.1		
1976	2204.5			2278.4			2360.6			2439.4		
1977	2516.0			2613.6			2659.7			2767.5		
1978	2829.7			2928.7			3034.8			3140.7		
1979	3222.6			3287.2			3435.0			3505.9		
1980	3663.2			3742.7			3919.4					

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CONSTANT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968				
1969	959.6	958.9	921.0	1021.8
1970	1004.2	996.5	1008.3	1105.7
1971	1025.9	1026.3	1039.3	1147.1
1972	1074.3	1057.0	1067.9	1268.3B
1973	1180.8	1175.2	1180.7	1306.0
1974	1217.6	1203.6	1213.9	1315.7
1975	1247.6	1245.8	1261.7C	1268.3B
1976	1262.1	1278.6	1291.0	1290.2
1977	1292.1	1297.4	1302.0	1304.5
1978	2014.6	2046.5	2062.3	2104.9
1979	2020.2	1989.5	2001.9	2227.3
1980	2061.7	2053.1	2090.3	2076.6

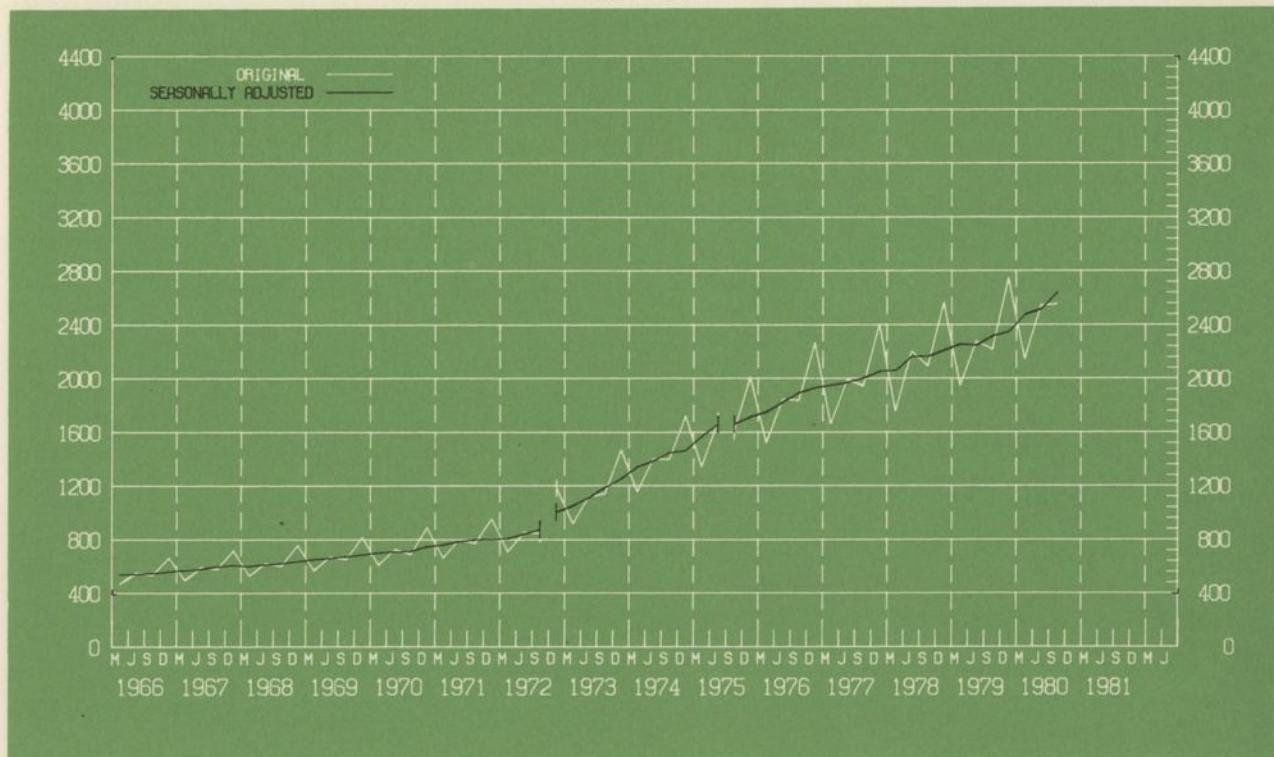
SEASONALLY ADJUSTED

1968	973.2	985.9	947.2	960.5
1969	1017.3	1027.8	994.8	1004.6
1970	1044.1	1053.1	1032.0	1038.2
1971	1079.4	1086.5	1063.2	1071.6
1972	1191.5	1208.5	1092.0	1199.5B
1973	1240.8	1235.7	1219.0	1224.6
1974	1267.3	1281.5	1241.4	1237.1
1975	1887.1	1920.0	1907.9C	1890.2
1976	1992.1	2017.4	1953.9	1971.9
1977	2062.8	2098.6	2002.0	2047.6
1978	2064.1	2030.3	2114.8	2062.3
1979	2100.0	2096.3	2069.2	2076.6
1980			2148.2	

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.
- (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.
- (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. THE SERIES UP TO JUNE QUARTER 1975 ARE AT AVERAGE 1968-69 PRICES. FROM SEPTEMBER QUARTER 1975 THEY ARE AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	470.3	551.3	533.3	662.5
1967	495.0	589.0	579.6	715.9
1968	530.3	620.8	602.1	755.3
1969	567.0	668.3	649.6	814.7
1970	607.1	721.9	687.1	884.8
1971	659.3	796.0	769.9	950.1
1972	706.7	852.5	841.4	1178.5B
1973	914.4	1118.9	1139.3	1464.7
1974	1151.2	1400.7	1395.7	1716.8
1975	1337.1	1680.7	1608.4B	2009.3
1976	1519.8	1841.5	1836.3	2263.6
1977	1662.7	1990.9	1941.0	2401.4
1978	1755.3	2197.0	2090.0	2561.2
1979	1946.2	2272.4	2213.9	2741.7
1980	2142.1	2540.5	2549.4	
SEASONALLY ADJUSTED				
1966	546.0	547.9	554.2	565.5
1967	575.6	583.8	604.7	613.4
1968	607.0	618.2	628.6	641.9
1969	658.6	665.0	678.0	691.5
1970	707.6	715.4	717.8	751.1
1971	765.7	790.2	803.6	806.1
1972	812.4	846.0	877.2	1007.9B
1973	1053.3	1113.1	1190.0	1254.4
1974	1342.3	1387.6	1447.6	1464.8
1975	1570.7	1659.1	1661.7B	1716.6
1976	1754.3	1826.1	1895.9	1931.1
1977	1949.9	1970.6	2003.2	2054.7
1978	2062.9	2163.7	2165.1	2210.0
1979	2256.0	2246.0	2315.9	2345.3
1980	2476.0	2515.5	2637.2	

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CONSTANT PRICES

\$ MILLION

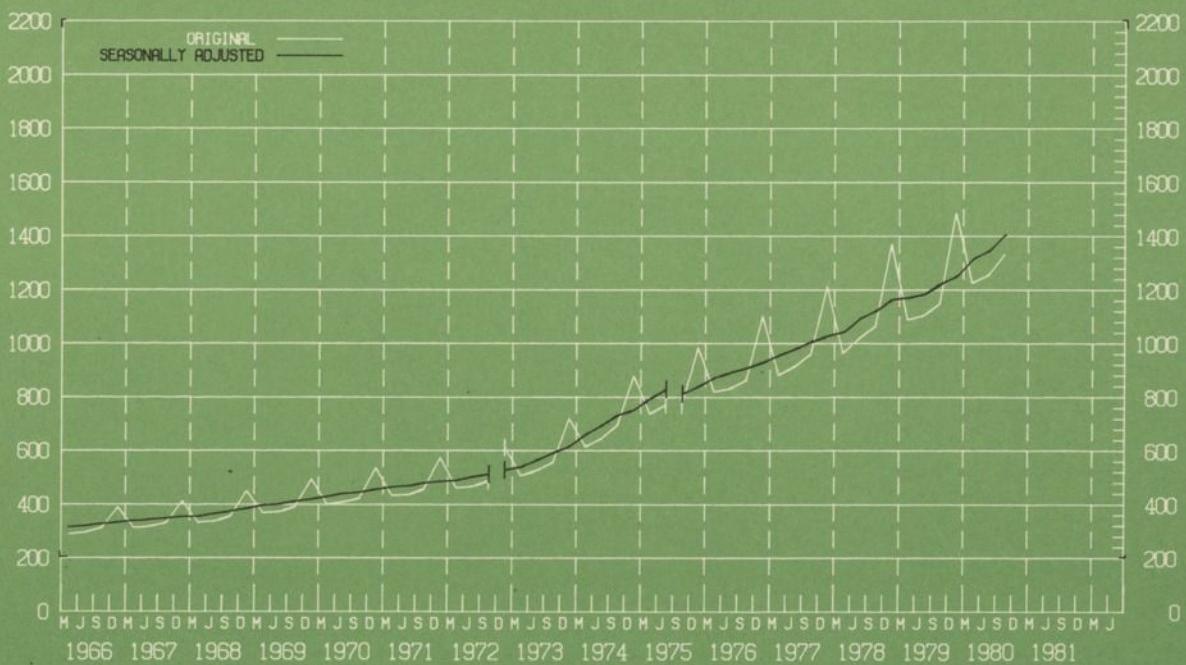


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968			608.1	756.7
1969	565.2	662.7	641.1	798.7
1970	591.9	697.4	663.0	842.8
1971	619.4	731.5	705.2	852.2
1972	632.2	751.8	738.8	1029.7B
1973	792.6	936.3	933.0	1168.4
1974	900.9	1037.9	983.1	1156.0
1975	892.6	1083.4	1509.3C	1799.5
1976	1345.5	1563.0	1542.3	1838.5
1977	1318.6	1521.8	1471.0	1778.7
1978	1285.1	1566.3	1475.3	1784.8
1979	1351.0	1533.1	1483.6	1818.3
1980	1407.6	1621.2	1599.4	

SEASONALLY ADJUSTED				
1968			634.2	643.8
1969	655.9	660.2	668.1	678.8
1970	689.2	691.6	691.7	716.5
1971	717.9	727.2	734.9	724.8
1972	725.1	746.7	769.0	882.8B
1973	907.6	935.0	973.6	1002.3
1974	1042.6	1031.6	1018.0	991.0
1975	1040.1	1073.3	1553.9C	1546.6
1976	1542.7	1555.5	1586.6	1574.5
1977	1533.8	1516.2	1513.1	1526.7
1978	1497.6	1553.7	1523.7	1543.4
1979	1551.5	1529.3	1546.8	1557.9
1980	1612.0	1620.3	1649.1	

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. THE SERIES UP TO JUNE QUARTER 1975 ARE AT AVERAGE 1968-69 PRICES. FROM SEPTEMBER QUARTER 1975 THEY ARE AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
 (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
 AT CURRENT PRICES  
 \$ MILLION



YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
	ORIGINAL											
1966	287.5			295.2			310.9			387.5		
1967	312.0			315.6			330.3			409.5		
1968	332.1			336.0			355.2			448.6		
1969	367.9			370.9			390.2			491.7		
1970	398.9			408.1			421.9			534.2		
1971	431.6			434.6			455.8			572.1		
1972	459.6			467.1			485.5			611.2B		
1973	506.3			525.6			556.6			718.8		
1974	613.6			645.2			694.7			879.0		
1975	737.1			772.0			770.2B			983.3		
1976	819.1			830.7			862.0			1099.5		
1977	880.5			913.7			958.8			1213.1		
1978	963.7			1018.6			1064.0			1367.7		
1979	1088.7			1104.0			1149.2			1484.5		
1980	1225.8			1255.3			1331.3					

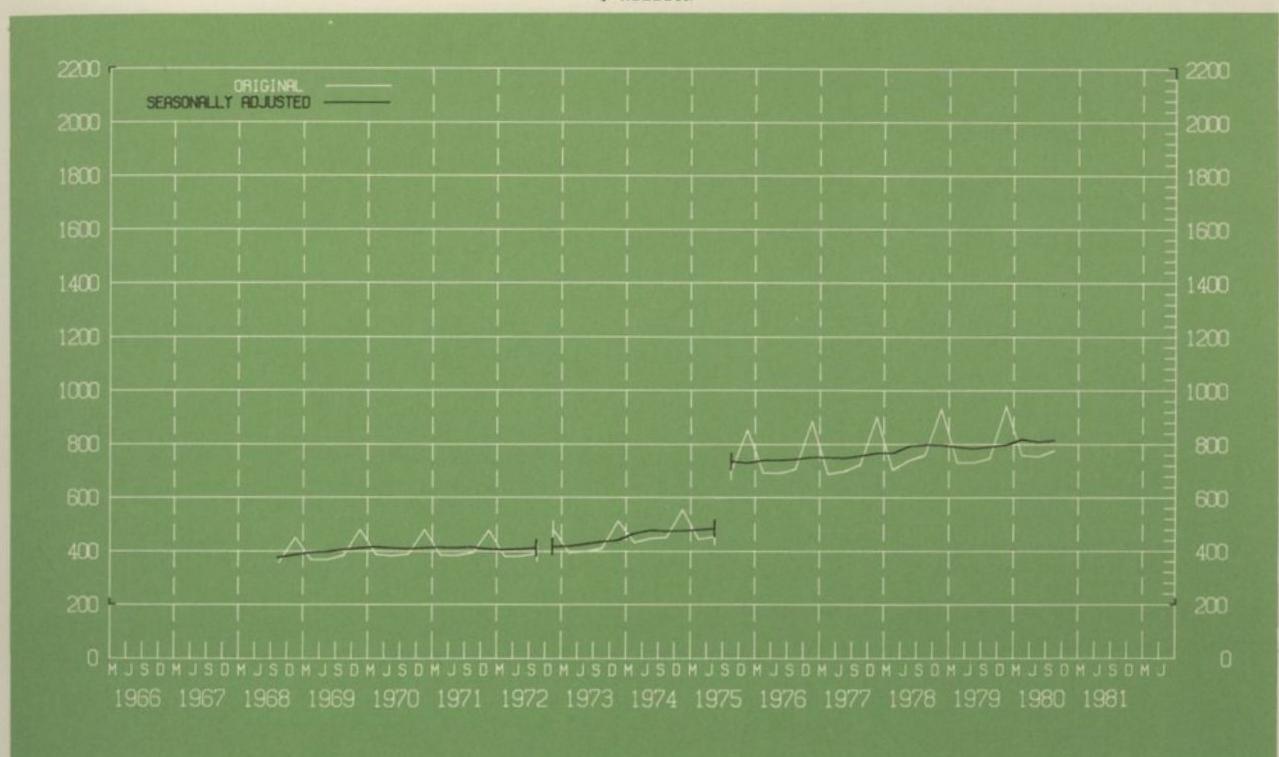
## SEASONALLY ADJUSTED

1966	311.0	316.4	323.3	328.5
1967	335.2	338.7	345.1	349.7
1968	351.7	361.0	371.4	380.5
1969	393.6	398.4	408.6	417.0
1970	426.9	438.2	441.6	453.4
1971	461.8	466.0	477.4	483.1
1972	486.4	500.4	508.7	525.2B
1973	536.3	562.2	588.1	611.5
1974	656.4	690.2	727.7	747.8
1975	788.5	825.5	808.4B	835.2
1976	868.2	887.6	904.8	925.9
1977	951.5	976.3	1002.5	1023.9
1978	1039.3	1088.6	1119.1	1160.9
1979	1167.8	1179.9	1219.0	1246.9
1980	1312.0	1341.9	1402.1	

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
 (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
 AT CONSTANT PRICES  
 \$ MILLION



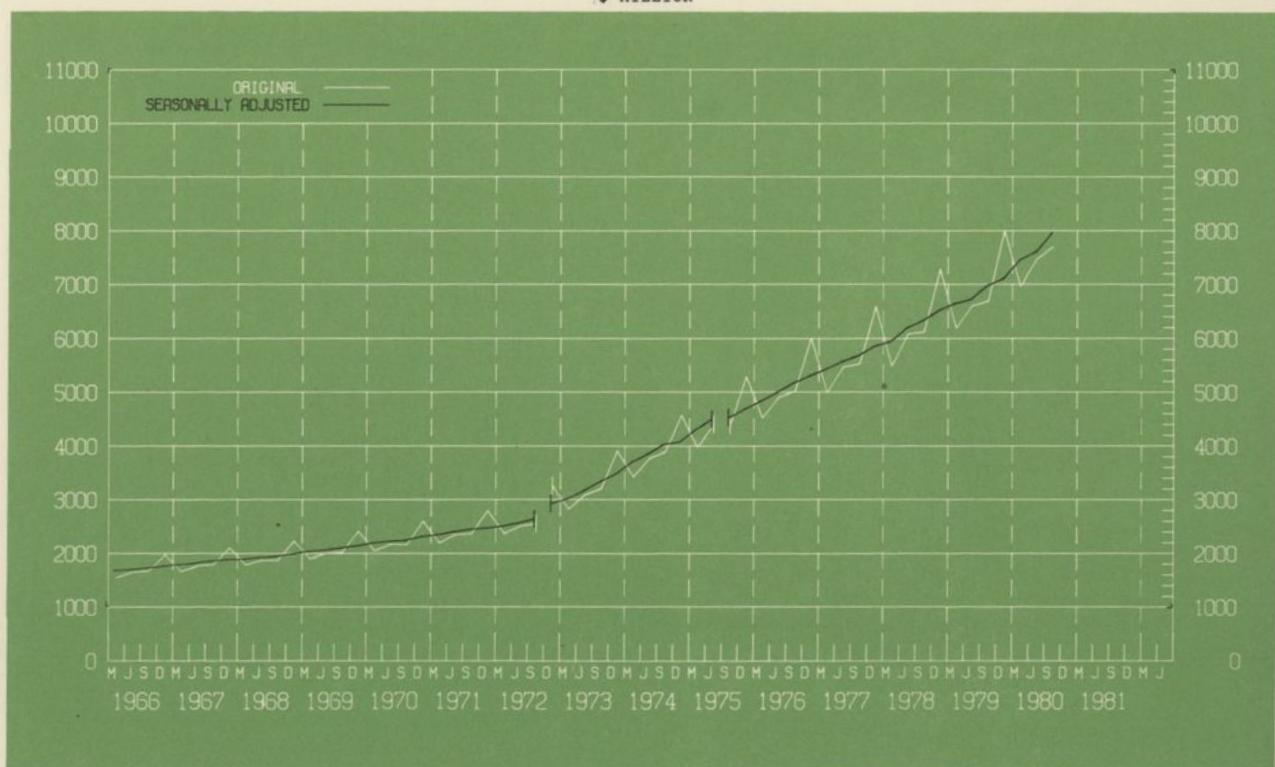
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR	ORIGINAL	
					MAR. QTR	JUN. QTR
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
	367.1	368.2	356.7	450.4		
	386.5	382.1	384.0	479.9		
	383.7	383.1	388.2	480.2		
	379.4	380.5	393.4	477.4		
	392.6	399.0	390.5	481.2B		
	432.3	447.2	409.6	512.1		
	444.0	452.6	451.0	553.6		
	691.4	690.2	696.7C	851.6		
	686.8	696.9	705.9	884.1		
	703.4	737.7	723.0	900.5		
	729.0	730.4	758.5	929.8		
	757.2	753.2	746.3	941.2		

## SEASONALLY ADJUSTED

1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
	391.9	395.1	372.7	383.0		
	413.1	409.3	402.2	407.9		
	410.7	409.4	405.9	408.9		
	401.7	405.4	411.9	404.8		
	415.9	424.1	409.1	415.3B		
	463.2	475.2	432.8	437.6		
	476.5	480.8	472.1	472.9		
	735.2	734.6	738.9	724.9		
	745.0	743.0	752.2	746.2		
	761.9	787.7	792.7	761.6		
	784.5	780.1	785.9	791.9		
	814.0	804.8	810.4	793.1		

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. THE SERIES UP TO JUNE QUARTER 1975 ARE AT AVERAGE 1968-69 PRICES. FROM SEPTEMBER QUARTER 1975 THEY ARE AT AVERAGE 1974-75 PRICES.

QUARTERLY RETAIL SALES (A) - ALL ITEMS  
 (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
 AT CURRENT PRICES  
 \$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	1546.4	1646.1	1666.5	1963.5
1967	1662.0	1758.4	1789.5	2095.5
1968	1784.5	1864.2	1871.5	2225.6
1969	1897.4	2002.1	2019.0	2404.1
1970	2043.5	2165.1	2161.9	2593.8
1971	2189.6	2344.6	2361.3	2787.9
1972	2363.3	2505.8	2547.1	3255.8B
1973	2816.7	3084.2	3196.0	3898.6
1974	3422.3	3765.2	3886.7	4565.8
1975	3972.3	4394.2	4364.8B	5274.1
1976	4511.2	4895.1	5004.0	5995.1
1977	4974.4	5459.1	5510.7	6582.3
1978	5479.1	6071.3	6111.5	7272.1
1979	6189.1	6597.1	6685.4	7986.4
1980	6962.4	7463.7	7694.4	

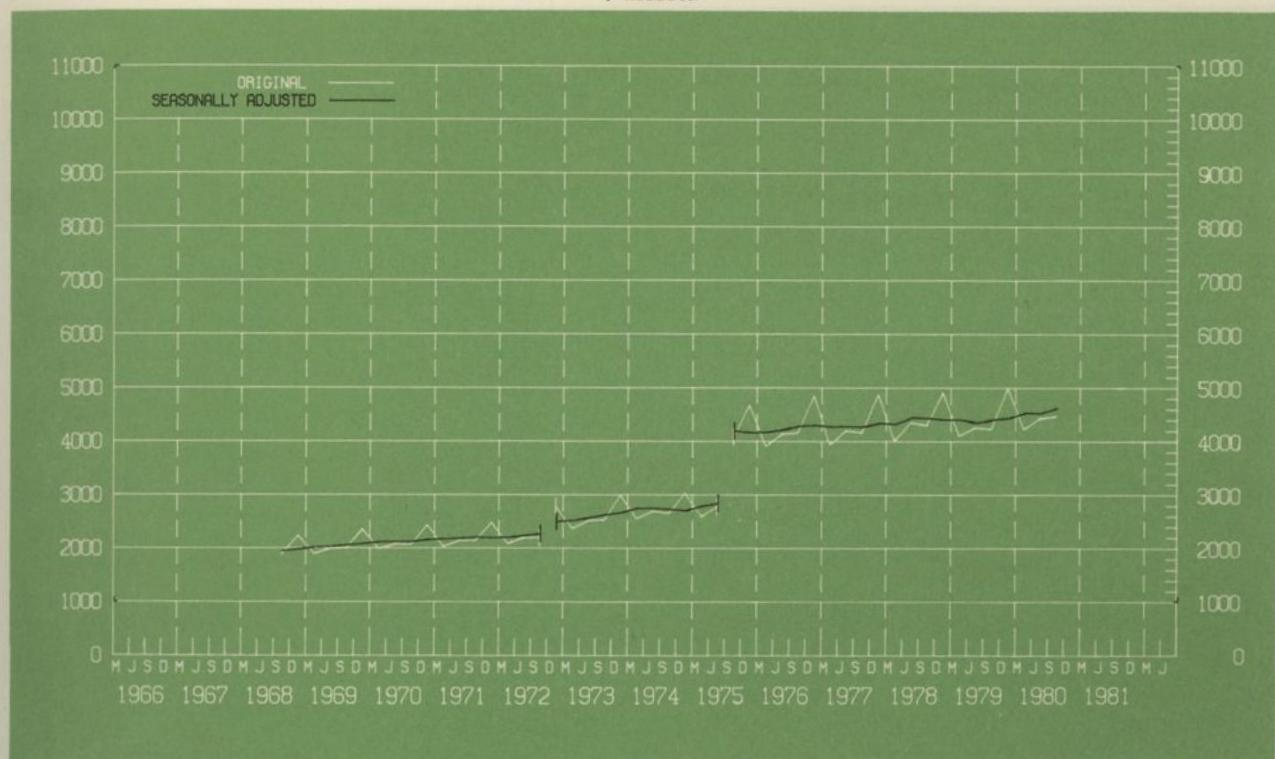
  

SEASONALLY ADJUSTED				
1966	1665.2	1686.8	1714.2	1749.6
1967	1778.4	1803.5	1852.1	1876.4
1968	1886.7	1911.8	1939.5	1979.8
1969	2029.5	2052.7	2094.6	2134.8
1970	2187.7	2220.7	2238.3	2304.6
1971	2346.9	2400.3	2444.7	2468.0
1972	2503.7	2566.1	2634.7	2915.3B
1973	3002.2	3155.2	3326.6	3470.8
1974	3694.1	3841.8	4012.8	4058.7
1975	4292.4	4483.5	4508.0B	4676.9
1976	4827.0	4992.1	5161.3	5296.4
1977	5417.4	5560.5	5665.4	5846.1
1978	5931.9	6181.0	6319.0	6511.6
1979	6646.4	6713.1	6969.9	7098.1
1980	7451.2	7600.1	7958.7	

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

QUARTERLY RETAIL SALES (A) - ALL ITEMS  
 (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
 AT CONSTANT PRICES  
 \$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968				
1969	1891.9	1989.8	1992.6	2350.3
1970	1982.6	2076.0	2059.5	2428.7
1971	2029.0	2140.9	2137.9	2476.7
1972	2085.9	2189.3	2197.2	2779.2B
1973	2366.0	2510.5	2523.3	2986.5
1974	2550.8	2688.7	2688.0	3025.3
1975	2584.3	2781.8	4067.7C	4669.7
1976	3899.0	4131.8	4159.2	4842.8
1977	3932.1	4193.6	4161.2	4869.7
1978	4003.1	4350.5	4296.1	4905.5
1979	4100.2	4253.0	4231.8	4986.8
1980	4226.5	4427.5	4465.3	

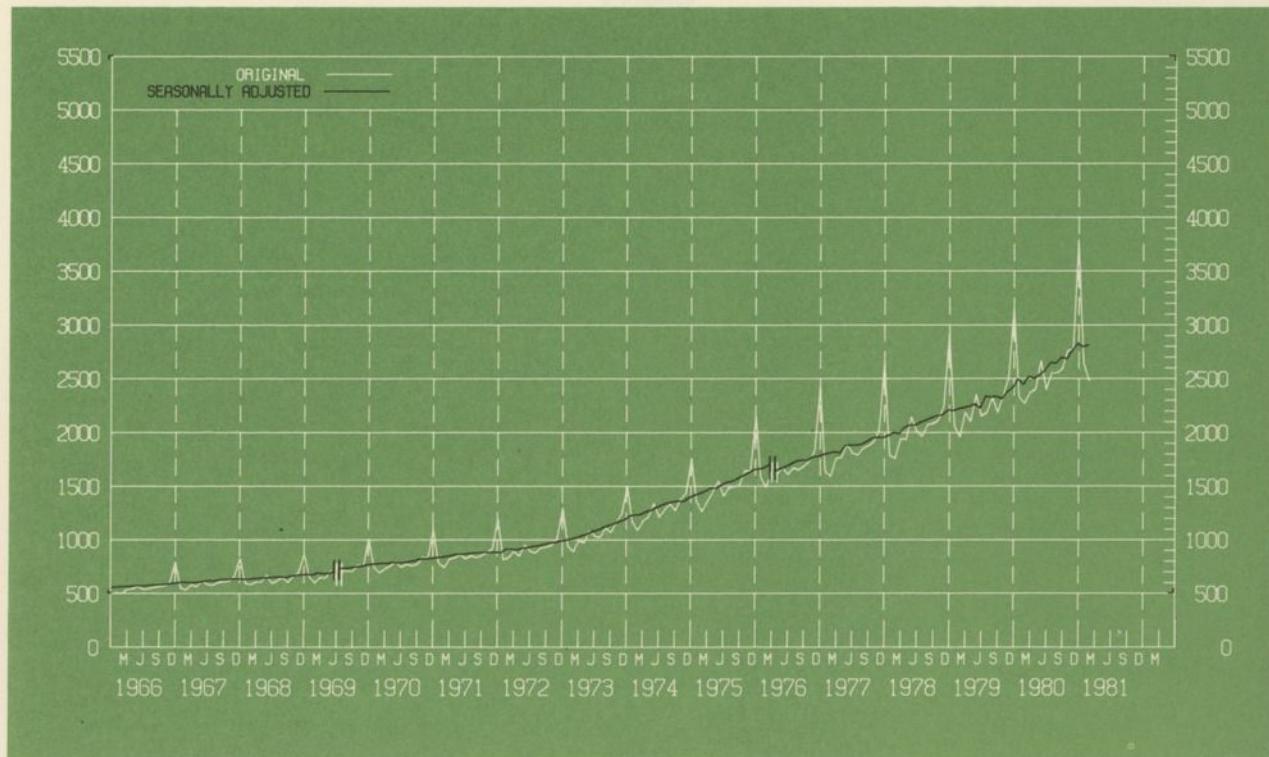
SEASONALLY ADJUSTED

1968				
1969	2021.0	2041.2	1954.1	1987.3
1970	2119.6	2128.7	2065.1	2091.3
1971	2172.7	2189.7	2129.6	2163.6
1972	2206.2	2238.6	2210.0	2201.2
1973	2515.0	2567.6	2270.1	2497.6B
1974	2746.6	2742.5	2625.4	2664.5
1975	2783.9	2835.6	2731.5	2701.0
1976	4165.0	4210.1	4192.4C	4161.7
1977	4270.9	4276.6	4210.1	4292.6
1978	4322.3	4440.0	4267.3	4335.9
1979	4400.1	4339.7	4431.2	4397.6
1980	4526.0	4521.4	4401.9	4427.6

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. THE SERIES UP TO JUNE QUARTER 1975 ARE AT AVERAGE 1968-69 PRICES. FROM SEPTEMBER QUARTER 1975 THEY ARE AT AVERAGE 1974-75 PRICES.

MONTHLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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ORIGINAL												
1966	510.5	497.9	538.0	542.1	566.0	538.0	543.4	557.1	565.1	569.6	603.7	790.2
1967	548.5	534.6	578.9	563.4	613.5	581.5	578.6	601.9	609.0	614.1	656.4	825.0
1968	595.0	584.4	605.1	604.7	666.5	593.0	623.1	645.0	603.4	663.1	695.3	867.2
1969	652.5	597.3	647.5	646.2	710.8	645.1	704.8B	709.8	706.0	764.1	754.9	1007.9
1970	742.6	692.6	726.4	752.9	798.5	744.2	773.4	757.5	769.9	838.6	828.9	1089.0
1971	786.7	740.3	820.1	831.2	862.2	822.8	849.4	829.3	849.1	877.6	913.8	1193.0
1972	811.3	829.9	888.9	845.4	946.7	890.5	876.1	920.9	929.7	948.8	1015.6	1291.4
1973	937.9	885.2	993.6	969.3	1081.9	1032.9	1021.1	1111.0	1063.9	1163.7	1239.4	1495.5
1974	1157.3	1087.4	1177.6	1214.7	1341.1	1209.4	1278.6	1334.8	1273.3	1379.9	1429.4	1756.5
1975	1354.6	1263.6	1354.1	1442.0	1548.0	1404.2	1484.4	1494.3	1512.1	1644.2	1637.3	2149.1
1976	1576.1	1486.5	1645.9	1613.3B	1673.8	1608.0	1669.5	1648.9	1685.6	1731.4	1833.3	2430.4
1977	1628.2	1589.2	1757.0	1765.1	1888.6	1805.4	1784.9	1849.8	1876.0	1910.2	2021.5	2650.6
1978	1780.0	1758.5	1940.6	1928.8	2139.2	2003.3	1959.3	2071.6	2080.6	2110.2	2244.1	2917.8
1979	2048.8	1955.2	2185.1	2097.9	2348.3	2150.9	2182.0	2321.6	2181.8	2333.8	2501.2	3151.4
1980	2324.0	2268.1	2370.3	2399.1	2666.1	2398.5	2551.6	2551.6	2591.2	2760.0	2771.0	3792.0
1981	2639.0	2480.0										

SEASONALLY ADJUSTED

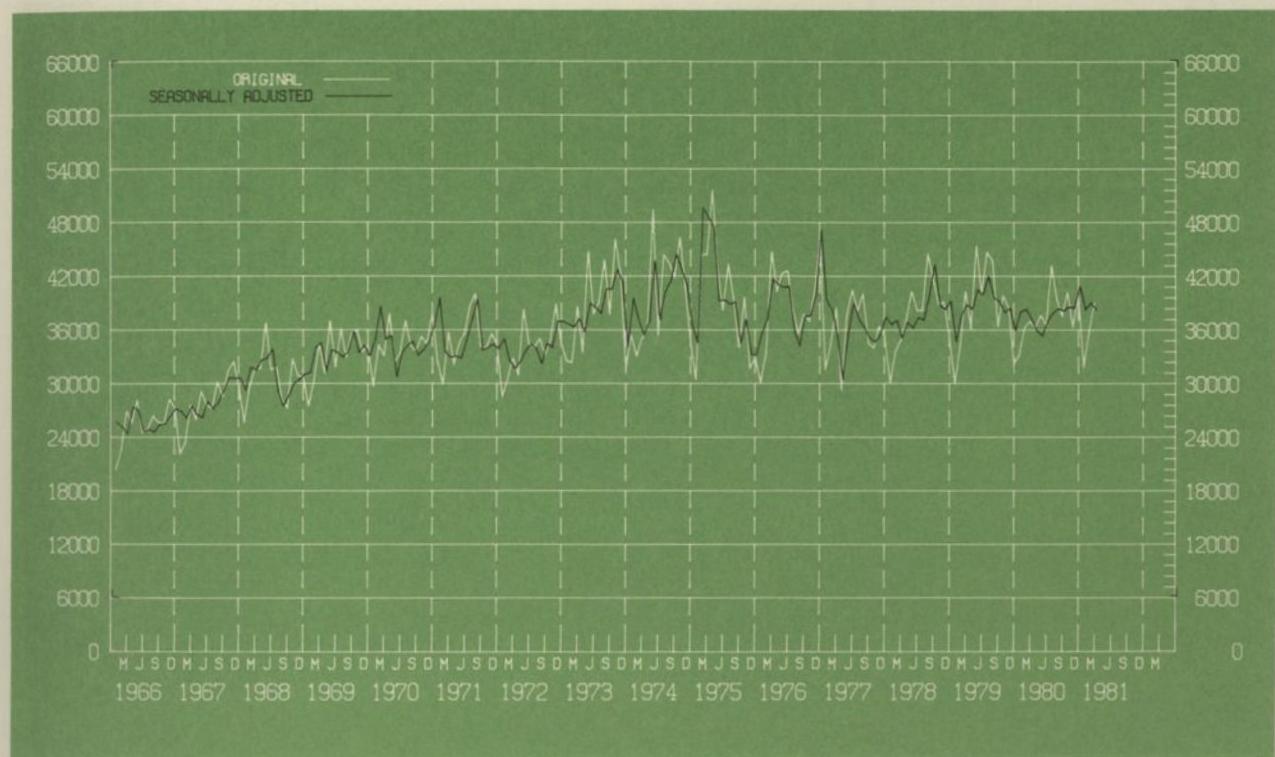
1966	551.1	556.0	557.7	560.1	564.0	565.7	566.1	570.5	575.5	578.4	580.3	586.6
1967	590.9	597.0	596.4	597.6	598.6	604.9	612.0	612.7	624.3	623.0	628.3	626.4
1968	627.4	626.9	633.1	635.1	638.7	639.5	646.5	650.2	640.2	655.0	661.9	666.7
1969	672.6	667.6	687.7	676.9	680.0	697.5	727.5B	733.5	733.8	741.4	746.6	758.8
1970	768.5	772.9	777.2	775.8	785.2	783.3	785.1	792.4	799.0	817.4	818.8	821.4
1971	829.8	834.3	839.5	852.1	859.6	863.7	868.1	871.4	874.8	877.4	878.5	879.3
1972	875.9	906.5	906.9	902.1	917.3	920.8	933.0	938.5	950.6	963.0	969.7	981.7
1973	989.5	1001.0	1014.4	1032.5	1047.5	1071.4	1084.7	1108.6	1129.3	1145.3	1166.6	1182.0
1974	1220.0	1227.4	1232.6	1257.6	1272.7	1300.4	1319.4	1337.3	1347.5	1357.3	1352.2	1387.9
1975	1409.2	1427.7	1447.0	1477.6	1474.2	1503.7	1529.3	1539.4	1563.9	1590.8	1614.9	1647.4
1976	1652.4	1665.5	1698.4	1636.1B	1658.3	1678.4	1704.8	1729.7	1736.3	1736.6	1768.7	1776.1
1977	1789.7	1802.5	1814.3	1806.0	1876.1	1878.4	1876.0	1885.1	1911.2	1941.5	1949.0	1944.0
1978	1963.0	1993.8	1983.2	2043.5	2061.0	2059.0	2088.3	2107.6	2130.2	2147.7	2151.8	2201.2
1979	2197.3	2215.3	2223.8	2235.9	2256.0	2219.9	2330.9	2321.9	2327.9	2307.3	2372.1	2409.3
1980	2489.1	2439.6	2513.8	2494.9	2527.4	2571.8	2645.3	2636.8	2693.1	2677.0	2752.0	2822.0
1981	2791.0	2808.0										

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

REGISTRATIONS OF NEW MOTOR VEHICLES - CARS AND STATION WAGONS

**NUMBER**



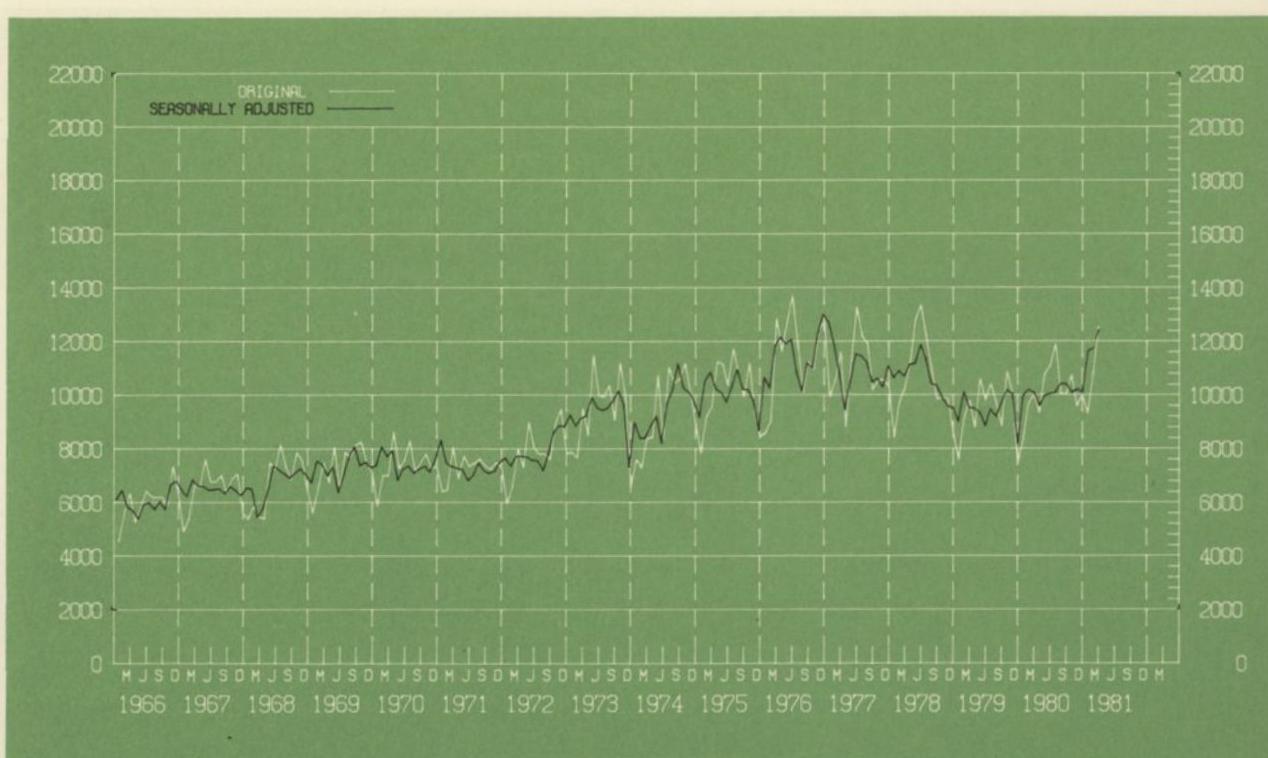
ORIGINAL

MOTOR VEHICLE REGISTRATIONS

50.

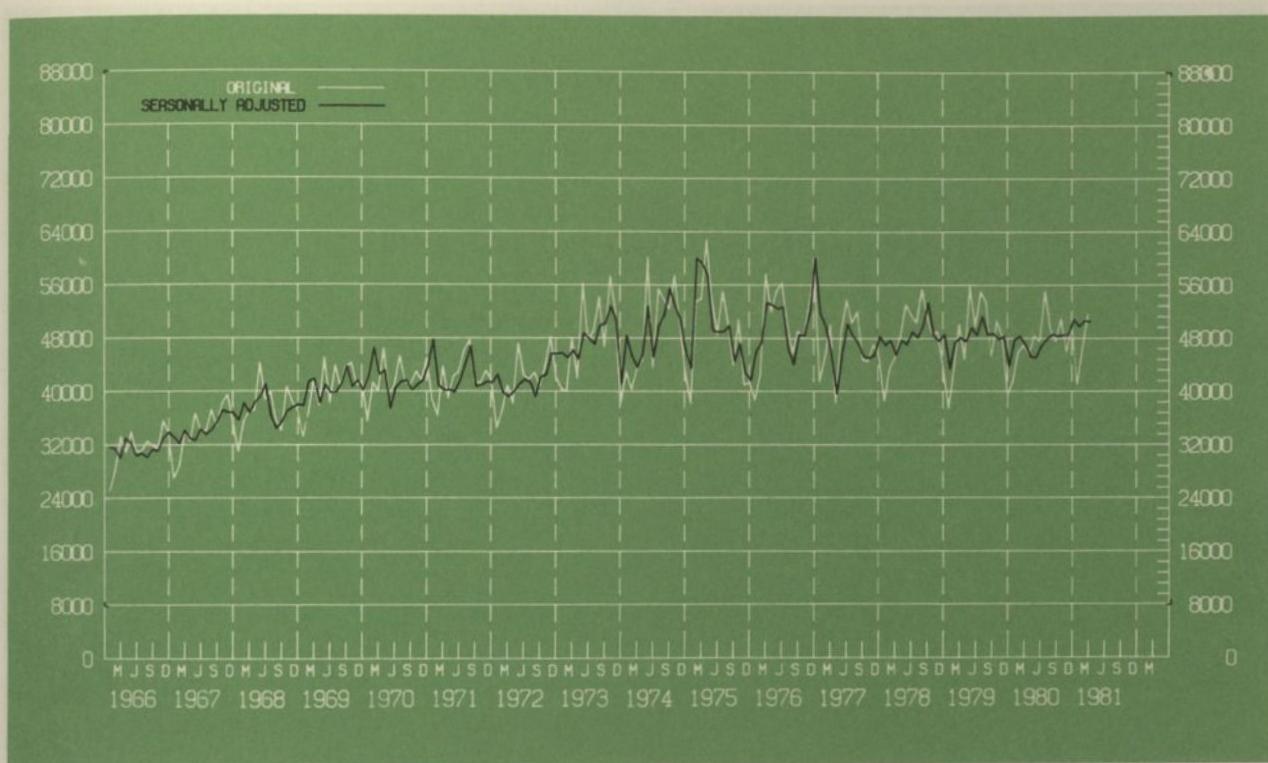
**REGISTRATIONS OF NEW MOTOR VEHICLES - OTHER VEHICLES**

NUMBER



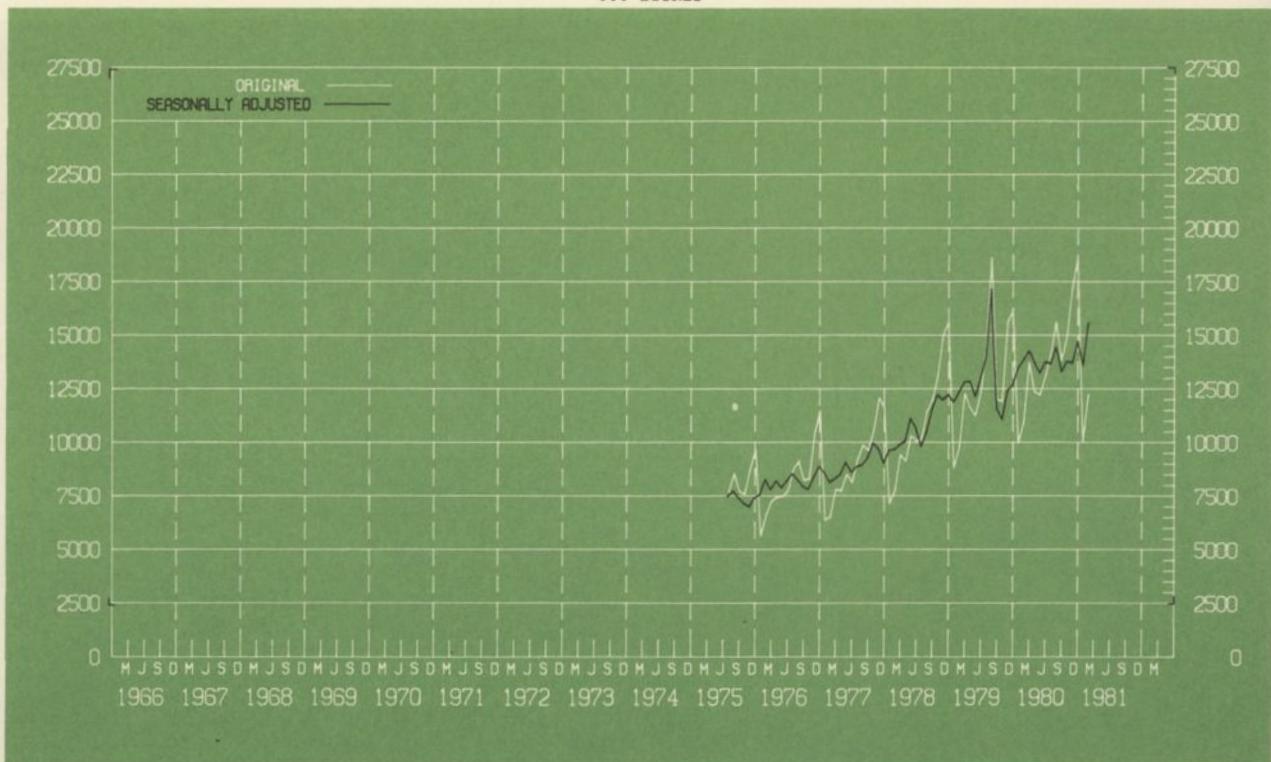
**REGISTRATIONS OF NEW MOTOR VEHICLES - TOTAL**

NUMBER



SALES OF AUSTRALIAN WINE BY WINEMAKERS  
TABLE WINE

'000 LITRES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1975												
1976	5619	6642	7265	7434	7453	7738	7660	8556	7690	7569	8749	9661
1977	6361	6520	7795	7707	8497	8110	8753	9110	8211	8285	10451	11481
1978	7137	7726	9401	9116	10300	10061	9163	9861	9600	10580	12072	11630
1979	8779	9772	12272	11603	11230	12326	10142	11436	11967	13067	15004	15611
1980	9954	10914	13729	12353	12216	13037	14115	15603	13809	14889	17191	18613

**SEASONALLY ADJUSTED**

**SALES OF AUSTRALIAN WINE BY WINEMAKERS**  
**TOTAL WINE**

• 000 LITRES

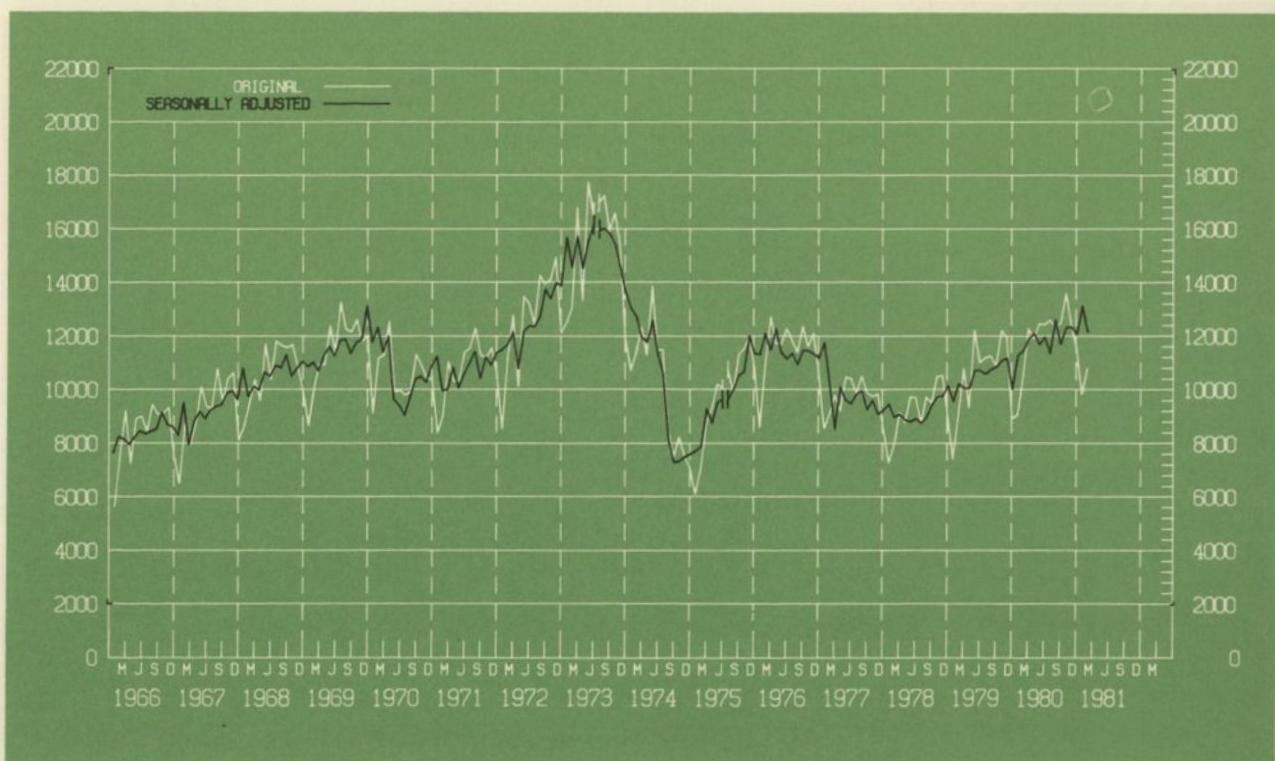


YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

ORIGINAL

**SEASONALLY ADJUSTED**

NEW PRIVATE DWELLINGS APPROVED  
NUMBER

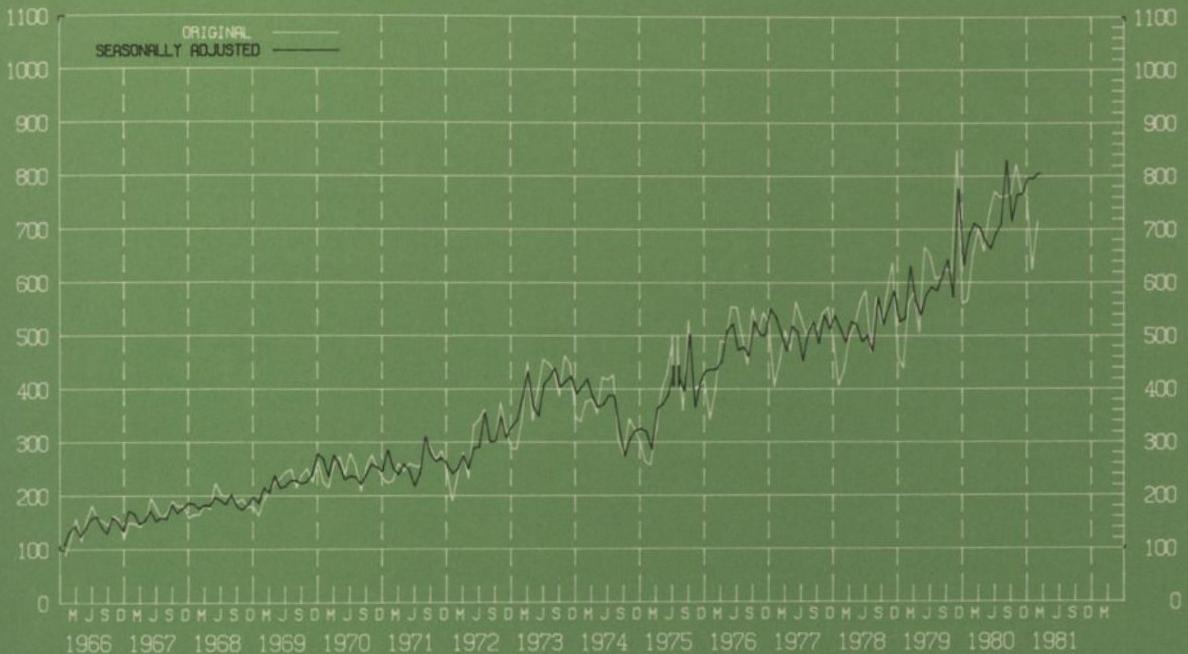


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	5615	7616	9221	7256	8919	8976	8432	9430	9065	9121	9322	7478
1967	6499	8738	7928	8708	10081	9357	9278	10781	9518	10405	10625	8109
1968	8618	9466	10369	9597	11701	10381	11799	11639	11568	11666	10813	9907
1969	8665	10045	10957	10916	12373	11379	13251	12246	12151	12597	11792	12027
1970	9130	11169	11276	12534	9916	9974	9790	9910	11287	10889	10406	10380
1971	8375	9004	11033	10298	10350	11402	11533	12279	11270	11166	11550	10582
1972	8526	11208	12780	10120	13474	13196	12446	14252	13936	14117	14920	12113
1973	12501	13048	16790	13308	17725	16416	16985A	17227	15906	16569	15381	11911
1974	10710	11348	12297	11304	13851	11471	11465	8474	7468	8195	7525	7066
1975	6097	7013	8730	9285	10186	10043	10737A	9909	11305	11535	12000	10745
1976	8612	10954	12717	11733	11687	12271	11836	1381	12363	11598	12089	10585
1977	8536	9097	9785	9185	10444	10401	9856	10489	9871	9725	9815	8522
1978	7258	7962	9151	8760	9721	9693	8738	9724	9501	10485	10512	9038
1979	7421	9087	10775	9332	12214	10995	11173	11250	10867	12203	11928	8923
1980	9044	10457	12259	11887	12438	12408	12581	12306	12473	13579	12394	11569
1981	9841	10772										
SEASONALLY ADJUSTED												
1966	7616	8244	8147	7955	8237	8437	8339	8442	8529	9136	8683	8608
1967	8301	9497	7944	8827	9167	8896	9227	9366	9422	9839	9962	9618
1968	10789	9737	10123	9991	10653	10489	10903	10820	11301	10510	10802	11054
1969	10858	11021	10707	11268	11602	11260	11844	11888	11346	11760	11863	13112
1970	11783	12318	11398	11975	9631	9420	9052	9711	10397	10494	10266	10875
1971	11243	9971	10008	10826	10070	10587	10989	11429	10419	11210	10913	11385
1972	11495	11675	12153	10792	12187	12389	12364	12706	13738	13399	13989	13892
1973	15683	14562	15711	14515	15561	16187	15947A	15996	15789	15414	14569	13630
1974	13043	12732	11949	11792	12588	11324	10608	8157	7295	7346	7511	7610
1975	7718	7893	9312	8781	9534	9679	9644A	9996	10563	10668	12017	11354
1976	11307	12091	11478	12269	11387	11140	11352	10939	11478	11457	11342	11175
1977	11752	10251	8550	10104	9606	9482	9833	9973	9265	9614	9075	9238
1978	9470	8976	9089	8869	8806	8934	8762	8973	9426	9739	9757	10147
1979	9566	10243	10056	10066	10734	10721	10594	10756	10860	11096	11180	10035
1980	11301	11474	11914	12111	11686	11966	11374	12611	11713	12333	12345	12077
1981	13128	12165										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VALUE OF TOTAL BUILDING APPROVED

\$ MILLION



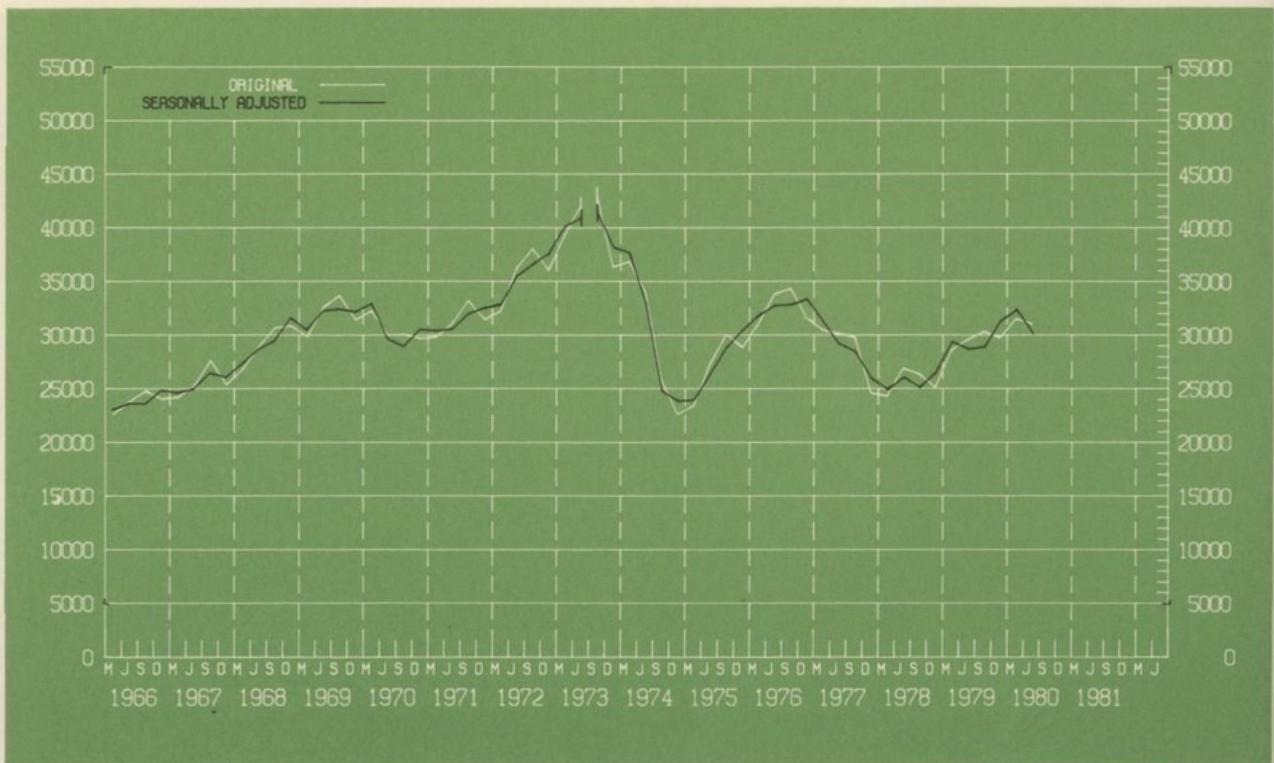
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	90.2	118.5	158.1	115.3	154.4	182.1	157.2	152.6	144.5	162.9	155.0	119.6
1967	149.8	147.7	142.4	153.6	195.5	176.6	158.3	168.1	190.7	180.4	181.6	159.0
1968	165.1	165.2	182.4	175.0	223.4	202.6	198.7	203.3	187.2	193.8	179.0	180.4
1969	162.3	193.1	207.6	225.5	233.1	245.6	249.8	215.0	238.8	251.2	226.1	264.0
1970	224.3	214.3	259.1	273.7	239.1	279.8	256.1	208.7	253.1	276.0	253.0	233.1
1971	223.4	228.3	260.7	246.2	260.3	255.6	254.0	303.6	290.0	266.9	284.7	246.8
1972	189.9	238.9	280.9	232.5	332.0	341.9	361.1	302.5	299.8	373.9	322.1	289.2
1973	287.4	344.6	450.1	340.3	399.3	456.5	447.8	434.1	386.5	462.0	445.3	346.7
1974	339.0	376.9	380.8	354.4	421.9	417.7	426.3	304.9	276.6	344.2	325.1	302.1
1975	263.2	257.1	324.2	398.6	426.6	484.6	461.1A	359.6	529.5	402.1	405.5	415.8
1976	343.2	396.2	490.5	488.4	554.0	553.7	499.5	445.9	553.4	501.7	543.5	522.4
1977	405.7	450.8	510.0	472.5	563.5	533.0	502.1	526.2	509.8	542.3	554.2	493.0
1978	407.2	434.9	500.2	518.9	562.3	585.5	468.6	573.1	522.8	582.5	637.3	460.1
1979	439.1	560.8	582.4	507.2	667.5	651.7	606.8	611.5	625.9	620.0	848.3	559.3
1980	568.5	656.8	701.0	659.0	730.4	771.1	760.9	762.4	767.3	821.7	770.8	763.7
1981	625.2	714.1										

## SEASONALLY ADJUSTED

1966	109.7	135.0	145.6	125.3	141.6	159.0	163.4	142.1	131.6	161.9	153.0	136.2
1967	173.8	168.3	148.7	155.1	173.3	153.7	161.3	158.7	185.1	169.5	179.0	187.8
1968	186.3	176.9	183.6	181.8	198.8	191.5	185.2	203.8	180.9	175.0	185.5	199.1
1969	187.0	216.0	206.0	238.9	215.2	218.8	229.9	229.6	223.8	228.0	241.6	280.2
1970	271.2	237.3	277.5	258.9	231.0	237.9	236.4	222.5	240.9	260.6	254.6	245.6
1971	286.5	252.6	239.5	260.4	248.2	218.5	242.8	311.5	276.1	264.8	273.0	260.5
1972	243.1	251.5	276.7	251.1	291.5	291.9	356.5	301.9	302.1	348.8	309.5	330.4
1973	341.8	383.7	434.1	367.9	349.7	410.4	421.5	439.8	404.7	414.9	425.0	391.9
1974	405.5	420.1	385.7	366.5	371.6	389.2	389.1	321.3	274.9	309.0	323.4	326.3
1975	320.3	287.0	365.7	372.5	389.4	427.9	421.9A	396.3	503.6	366.1	413.8	435.6
1976	436.8	438.7	452.9	510.3	523.2	472.8	480.5	461.8	528.2	502.1	500.6	550.9
1977	535.6	502.8	470.7	518.0	507.5	454.2	507.4	527.2	485.7	539.5	512.1	539.1
1978	512.4	487.7	527.4	522.2	488.9	502.0	470.9	572.3	521.5	555.1	583.9	526.3
1979	534.5	632.7	565.1	539.9	577.5	592.7	585.2	613.4	644.2	572.9	776.0	632.9
1980	690.7	712.3	702.8	677.8	664.0	692.5	711.1	830.6	717.0	766.0	767.7	797.4
1981	796.5	806.6										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW PRIVATE DWELLINGS COMMENCED  
NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	22606	23774	24741	24006
1967	24167	25195	27600	25349
1968	26784	28879	30620	30793
1969	29835	32518	33641	31371
1970	32214	29973	30034	29658
1971	29811	31055	33166	31430
1972	32213	36249	37998	36028
1973	39326	42033	42946A	36342
1974	36836	34010	25773	22599
1975	23395	27336	30058	28841
1976	31039	33828	34313	31564
1977	30442	30110	29765	24575
1978	24289	26867	26343	25109
1979	28607	29517	30307	29700
1980	31502	31008		
SEASONALLY ADJUSTED				
1966	23064	23643	23606	24840
1967	24655	25010	26486	26074
1968	27357	28679	29445	31592
1969	30491	32250	32431	32154
1970	32944	29650	28957	30543
1971	30429	30584	32012	32551
1972	32859	35522	36603	37624
1973	40117	40934	41341A	38165
1974	37644	32982	24746	23842
1975	23937	26446	28832	30459
1976	31804	32744	32828	33339
1977	31247	29152	28448	25941
1978	24940	26062	25135	26495
1979	29375	28663	28892	31334
1980	32349	30127		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VALUE OF TOTAL NEW DWELLINGS COMMENCED

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	201.9	223.2	233.2	232.2
1967	230.9	247.3	267.5	244.7
1968	262.0	290.1	309.3	310.0
1969	312.6	348.1	373.7	346.1
1970	363.6	346.5	362.5	358.4
1971	370.4	389.2	418.5	402.7
1972	410.6	466.3	500.4	487.3
1973	550.9	637.4	665.4A	598.3
1974	639.7	630.9	525.8	497.9
1975	542.4	661.2	753.1	691.7
1976	797.6	881.9	963.6	897.3
1977	898.1	906.0	919.4	777.3
1978	791.9	876.4	875.7	807.2
1979	937.2	1018.3	1049.8	1041.0
1980	1153.9	1180.3		

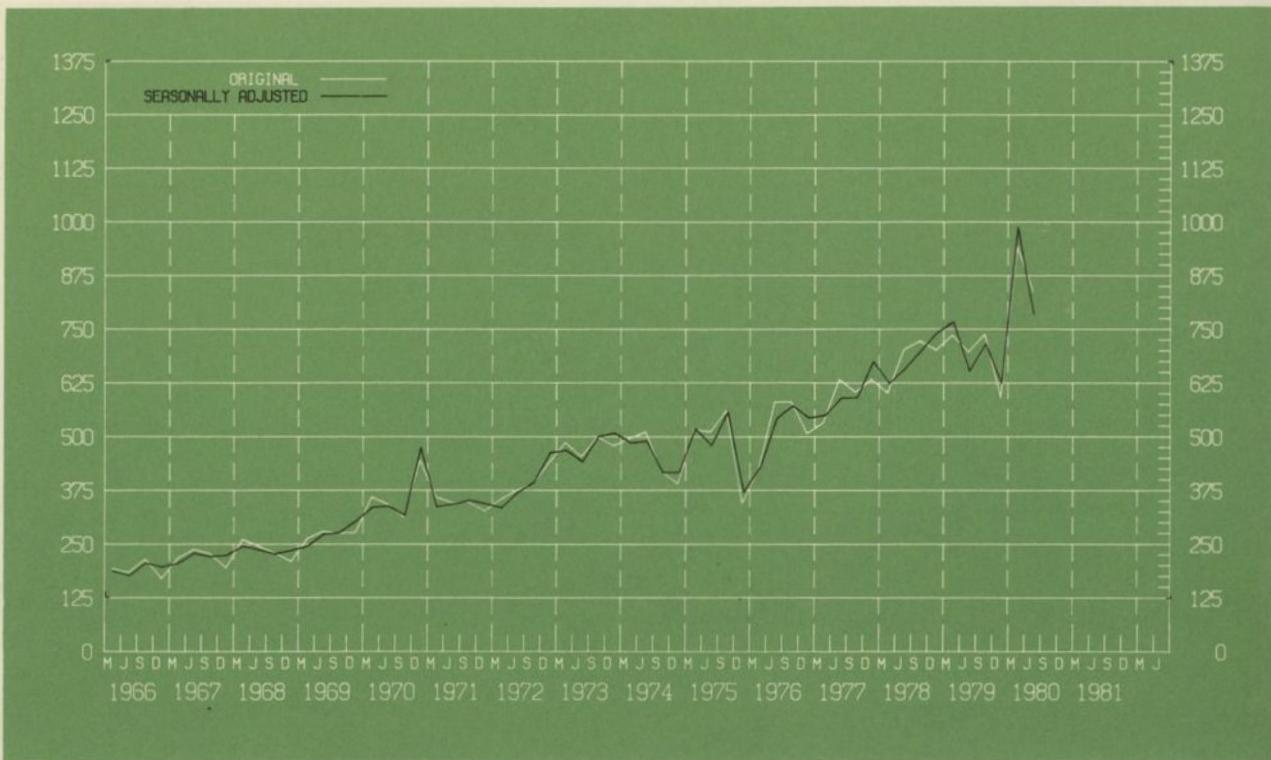
  

SEASONALLY ADJUSTED				
1966	209.4	221.6	219.2	241.0
1967	239.3	244.3	253.6	252.8
1968	271.5	286.1	294.5	319.4
1969	323.7	342.5	357.6	356.3
1970	376.0	340.1	347.1	371.1
1971	381.8	380.0	401.5	420.0
1972	422.3	452.9	478.9	514.1
1973	565.0	615.9	635.5A	636.5
1974	655.5	608.4	499.9	533.5
1975	555.4	636.9	714.7	743.0
1976	816.7	850.3	912.1	965.1
1977	919.4	874.1	870.2	835.5
1978	810.5	846.3	828.7	867.2
1979	958.9	983.5	994.4	1118.1
1980	1180.5	1140.0		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VALUE OF OTHER BUILDING COMMENCED

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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## ORIGINAL

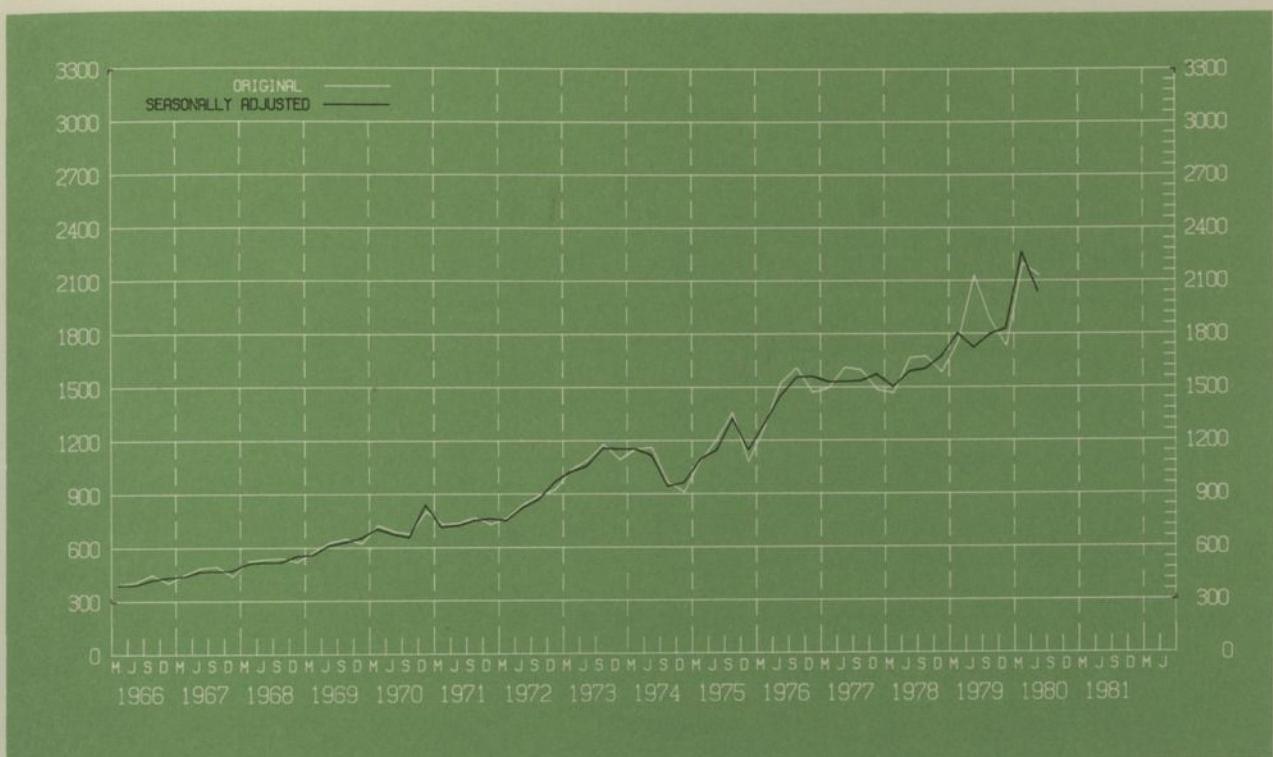
1966	192.6	182.9	214.4	168.9
1967	216.7	237.0	226.7	193.9
1968	260.8	244.1	228.7	208.6
1969	262.6	278.5	274.7	276.5
1970	358.7	342.0	311.6	443.4
1971	358.2	345.2	346.4	325.8
1972	352.2	374.1	389.5	438.7
1973	485.4	453.2	498.3	478.4
1974	494.9	510.7	418.0	389.7
1975	515.9	510.4	560.4	345.0
1976	422.3	580.1	580.9	507.8
1977	532.2	632.4	603.8	632.7
1978	602.1	702.8	721.0	700.8
1979	734.7	696.3	737.4	591.5
1980	942.8	837.3		

## SEASONALLY ADJUSTED

1966	185.5	174.8	205.0	195.9
1967	205.3	227.4	220.3	222.2
1968	244.5	235.7	226.4	234.1
1969	244.6	271.7	276.2	302.2
1970	334.2	337.4	315.8	473.2
1971	336.4	342.5	351.4	343.5
1972	334.1	370.5	392.9	462.3
1973	468.1	441.8	499.8	508.1
1974	485.2	408.9	416.4	416.3
1975	517.3	478.7	555.8	370.3
1976	428.7	541.5	571.5	542.9
1977	548.7	589.0	590.4	673.5
1978	624.0	658.8	700.9	741.8
1979	766.2	652.9	716.1	624.4
1980	986.3	785.3		

## VALUE OF TOTAL BUILDING COMMENCED

\$ MILLION



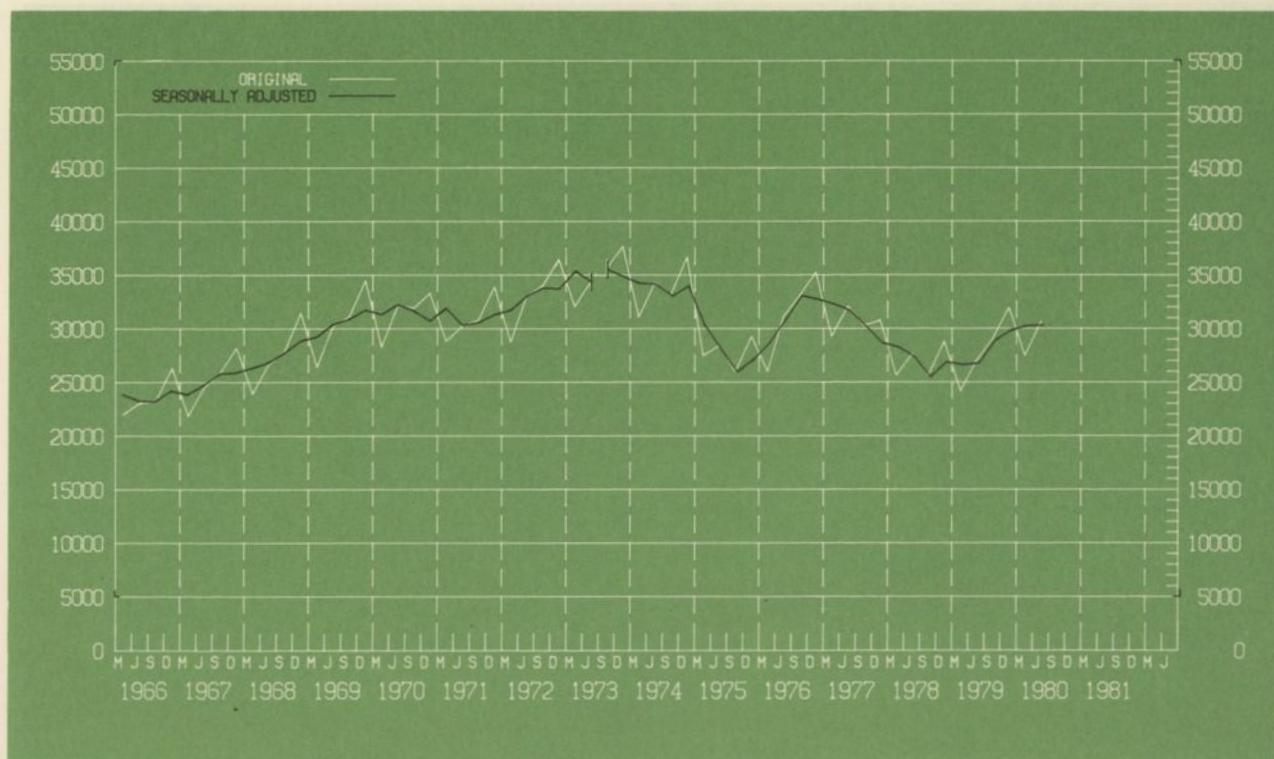
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	394.5	406.1	447.6	401.1
1967	447.6	484.3	494.2	438.5
1968	522.9	534.2	538.0	518.6
1969	575.2	626.6	648.3	622.6
1970	722.3	688.5	674.1	801.8
1971	728.6	734.4	764.9	728.5
1972	762.8	840.4	889.8	926.0
1973	1036.4	1090.6	1178.3	1093.9
1974	1152.4	1161.2	964.2	909.7
1975	1085.6	1203.6	1357.1	1081.0
1976	1276.3	1523.8	1609.3	1470.3
1977	1496.1	1608.9	1596.0	1483.0
1978	1464.6	1661.5	1672.9	1582.1
1979	1753.3	2129.1	1876.2	1729.9
1980	2195.4	2129.1		

SEASONALLY ADJUSTED				
1966	395.4	395.3	424.6	437.7
1967	444.4	471.8	474.1	474.8
1968	515.9	522.4	521.4	555.8
1969	564.7	615.9	633.8	659.2
1970	708.9	679.5	661.5	842.9
1971	716.3	724.7	752.6	763.5
1972	752.9	825.4	874.6	973.6
1973	1029.5	1060.3	1157.7	1155.2
1974	1153.5	1119.0	943.5	965.0
1975	1097.0	1149.7	1324.0	1149.7
1976	1297.4	1454.3	1560.1	1562.6
1977	1532.5	1535.2	1539.7	1574.3
1978	1504.7	1591.5	1605.9	1677.4
1979	1806.5	1724.4	1799.4	1832.9
1980	2265.5	2039.7		

## NEW PRIVATE DWELLINGS COMPLETED

NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	21998	23041	23217	26293
1967	21806	24528	25877	28172
1968	23895	26645	27903	31426
1969	26403	30230	31106	34477
1970	28262	32088	31893	33274
1971	28816	30221	30786	33848
1972	28728	32994	33991	36398
1973	32062	34361	35662A	37616
1974	31061	34273	33132	36682
1975	27491	28375	25970	29222
1976	25975	31133	33063	35211
1977	29241	32053	30261	30768
1978	25621	27687	25618	28787
1979	24138	27057	29041	31935
1980	27465	30653		

## SEASONALLY ADJUSTED

1966	23825	23232	23179	24174
1967	23808	24712	25749	25840
1968	26280	26792	27708	28798
1969	29181	30322	30851	31638
1970	31253	32159	31584	30618
1971	31831	30246	30489	31231
1972	31650	32987	33719	33613
1973	35295	34272	35450A	34771
1974	34173	34092	33000	33936
1975	30278	28105	25917	27076
1976	28609	30760	33009	32677
1977	32216	31637	30159	28617
1978	28214	27351	25456	26835
1979	26574	26730	28822	29803
1980	30232	30284		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VALUE OF TOTAL BUILDING COMPLETED

\$ MILLION



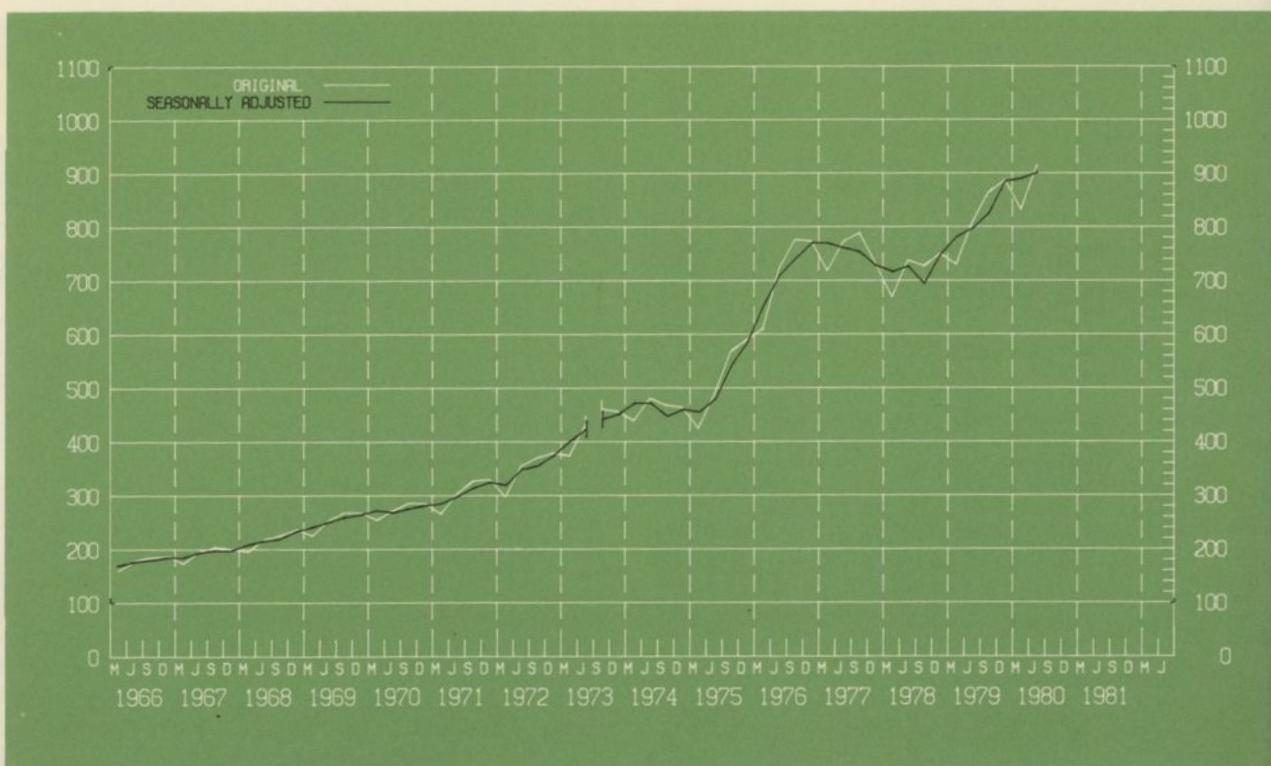
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	397.7	421.9	431.6	473.4
1967	398.1	430.3	450.6	512.4
1968	433.6	469.0	518.3	586.3
1969	465.7	566.4	548.5	636.1
1970	549.3	648.5	689.1	723.5
1971	612.8	665.6	709.3	792.4
1972	694.0	795.3	748.4	932.2
1973	786.8	822.9	895.5	1007.8
1974	863.3	964.5	991.2	1206.6
1975	1040.0	1093.1	1173.9	1372.5
1976	1248.6	1449.9	1528.0	1643.4
1977	1468.2	1694.5	1638.1	1735.1
1978	1465.6	1645.5	1549.8	1826.6
1979	1561.1	1693.5	1991.0	2141.4
1980	1752.8	1993.7		

## SEASONALLY ADJUSTED

1966	419.4	429.7	434.2	436.8
1967	424.4	439.4	451.1	469.5
1968	467.8	478.6	517.0	534.7
1969	507.4	577.0	545.7	579.5
1970	601.2	659.5	685.4	659.2
1971	671.0	675.6	707.7	721.5
1972	757.5	807.8	749.4	847.9
1973	856.3	835.6	899.5	917.1
1974	936.9	978.5	996.1	1101.5
1975	1129.0	1102.2	1180.6	1258.8
1976	1357.1	1453.2	1533.8	1516.0
1977	1600.6	1685.8	1643.1	1607.2
1978	1602.1	1629.1	1552.4	1697.6
1979	1709.3	1670.4	1997.1	1993.4
1980	1920.8	1963.0		

## VALUE OF WORK DONE ON NEW HOUSES

\$ MILLION



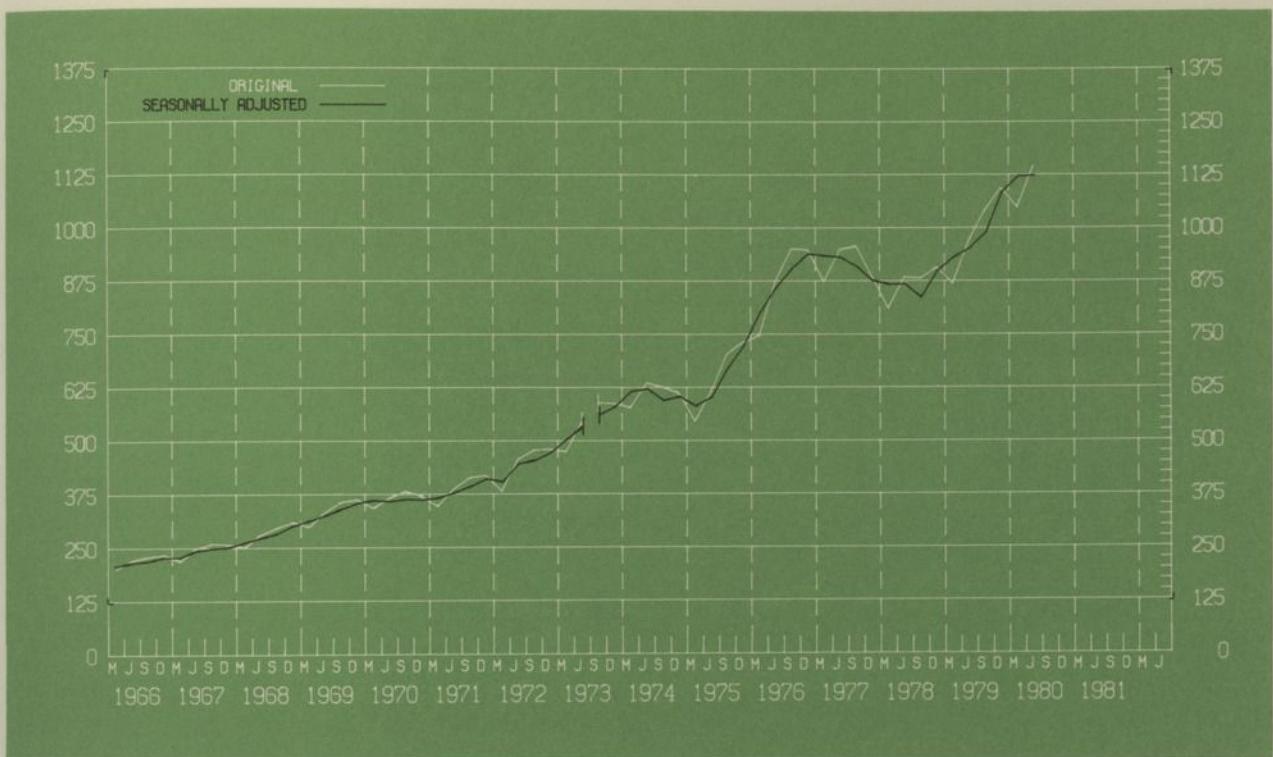
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	160.0	178.1	184.7	186.3
1967	173.3	195.7	204.0	199.2
1968	194.8	217.6	225.6	235.8
1969	225.2	253.1	268.0	267.7
1970	254.0	271.3	285.4	285.1
1971	265.7	302.8	327.0	329.0
1972	297.4	354.8	370.0	379.2
1973	373.4	431.9	460.7A	455.9
1974	438.8	480.4	467.3	463.6
1975	424.2	489.2	566.9	590.2
1976	609.6	721.9	776.2	773.7
1977	718.1	772.7	788.2	731.0
1978	669.1	736.8	726.8	749.4
1979	729.8	809.0	864.3	886.7
1980	831.8	914.5		

## SEASONALLY ADJUSTED

1966	169.2	176.0	179.0	184.2
1967	183.9	193.0	197.7	196.5
1968	207.5	214.5	218.3	232.3
1969	240.5	249.6	258.9	263.5
1970	272.0	267.6	274.9	281.1
1971	284.9	298.2	314.7	324.6
1972	319.6	349.0	355.3	375.1
1973	401.5	424.1	442.2A	451.6
1974	471.9	471.8	447.6	460.4
1975	455.6	480.5	542.8	586.6
1976	654.0	710.4	741.6	770.2
1977	769.7	760.7	752.8	728.2
1978	716.5	726.1	693.4	747.3
1979	781.0	797.2	824.9	884.7
1980	889.9	901.1		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

VALUE OF WORK DONE ON TOTAL NEW DWELLINGS  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	201.3	221.2	229.4	233.5
1967	219.0	248.9	259.6	257.5
1968	249.8	279.3	295.4	308.5
1969	297.3	332.5	356.2	362.0
1970	341.6	365.6	381.3	369.6
1971	346.3	386.2	413.2	418.2
1972	381.1	455.9	477.8	479.4
1973	474.0	545.8	588.8A	587.1
1974	577.5	635.0	625.2	610.8
1975	544.5	615.0	703.5	730.8
1976	746.4	874.9	950.0	947.4
1977	871.9	948.0	956.5	884.6
1978	809.7	883.5	881.2	906.3
1979	869.0	970.1	1040.8	1093.2
1980	1047.3	1143.9		

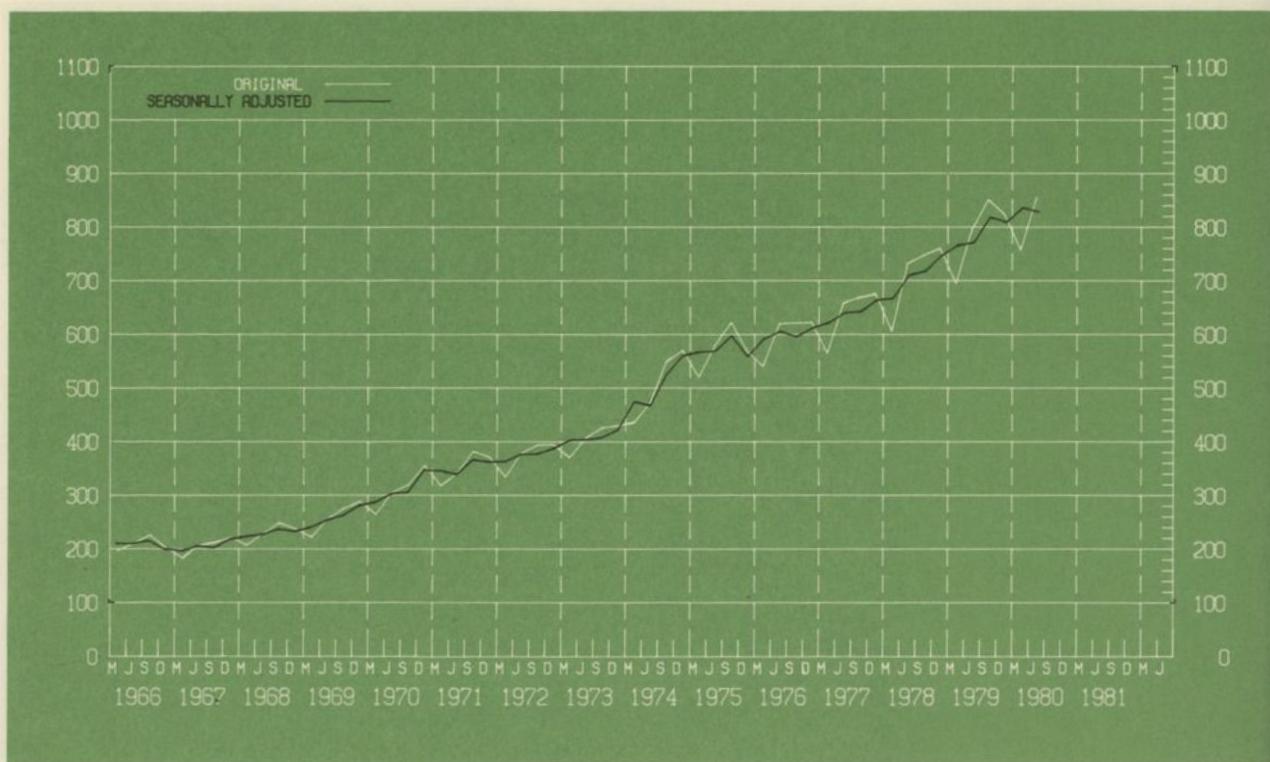
SEASONALLY ADJUSTED

1966	211.5	218.9	222.6	231.3
1967	231.2	246.0	251.7	254.5
1968	264.8	276.1	285.8	304.5
1969	316.1	329.0	343.6	357.3
1970	364.1	361.8	366.6	365.5
1971	369.7	381.6	396.6	414.2
1972	407.6	449.8	457.8	475.8
1973	507.6	537.7	563.8A	582.9
1974	619.3	625.3	597.8	606.9
1975	584.3	605.3	672.8	725.6
1976	801.7	861.8	907.0	941.3
1977	936.7	933.8	912.8	879.1
1978	870.0	870.7	840.0	901.6
1979	933.5	955.4	992.7	1088.2
1980	1125.0	1126.3		

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VALUE OF WORK DONE ON OTHER BUILDING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	197.1	210.5	225.0	200.8
1967	182.8	206.1	212.1	220.7
1968	207.0	228.2	248.0	236.8
1969	221.6	255.3	274.8	287.5
1970	264.1	304.9	318.9	355.1
1971	317.6	340.7	381.6	370.3
1972	333.7	378.5	393.7	394.7
1973	370.0	407.0	425.4	429.4
1974	435.7	473.0	549.6	569.7
1975	519.6	579.7	621.6	567.9
1976	539.5	619.6	620.6	622.1
1977	564.4	657.8	668.3	675.0
1978	605.4	731.8	747.2	759.9
1979	694.6	796.1	850.5	822.9
1980	757.1	854.7		
SEASONALLY ADJUSTED				
1966	209.7	209.5	214.3	198.9
1967	195.9	204.9	202.0	217.5
1968	223.1	226.7	236.5	232.0
1969	240.2	253.4	262.5	280.6
1970	286.8	302.4	305.1	346.0
1971	345.0	337.9	365.1	361.1
1972	362.1	375.5	376.2	385.9
1973	401.4	403.1	406.1	421.1
1974	473.1	466.7	524.7	559.7
1975	566.2	568.1	595.3	557.7
1976	590.2	604.5	594.6	611.1
1977	620.0	638.8	641.3	662.8
1978	666.5	709.3	717.1	746.2
1979	765.7	770.7	816.8	808.0
1980	835.1	826.9		

## VALUE OF WORK DONE ON TOTAL BUILDING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	398.4	431.6	454.3	434.3
1967	401.8	455.0	471.7	478.2
1968	456.8	507.5	543.3	545.4
1969	518.9	587.7	631.0	649.5
1970	605.7	670.5	700.2	724.7
1971	663.9	726.9	794.7	788.5
1972	714.8	834.4	871.5	874.1
1973	844.1	952.7	1027.2	1032.4
1974	1029.0	1126.2	1194.2	1204.8
1975	1088.3	1226.0	1363.8	1344.5
1976	1335.0	1551.6	1634.5	1637.2
1977	1498.3	1675.5	1696.9	1635.5
1978	1483.3	1694.2	1703.2	1744.5
1979	1639.6	1850.3	1978.2	2010.9
1980	1897.8	2108.3		
SEASONALLY ADJUSTED				
1966	420.4	428.9	437.3	429.9
1967	426.2	451.9	454.0	471.1
1968	487.0	504.5	522.7	534.6
1969	556.1	584.1	606.8	634.7
1970	651.4	666.4	672.5	708.3
1971	714.3	721.9	762.6	771.8
1972	769.4	828.6	834.6	858.3
1973	908.1	944.4	983.2	1016.3
1974	1107.2	1113.8	1142.5	1189.2
1975	1171.9	1207.6	1308.1	1326.3
1976	1440.5	1524.4	1568.4	1615.2
1977	1620.5	1641.2	1630.3	1612.8
1978	1606.8	1657.6	1635.7	1721.5
1979	1776.6	1808.7	1977.2	1985.1
1980	2056.6	2060.1		

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
NEW BUILDINGS AND STRUCTURES  
ALL INDUSTRIES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	118.3	154.2	141.3	148.4
1967	122.0	148.8	167.1	191.8
1968	143.0	172.8	181.7	234.9
1969	160.7	238.9	220.0	263.3
1970	179.1	269.2	254.6	316.9
1971	274.7	348.9	344.6	360.5
1972	256.2	298.7	278.8	311.8
1973	229.2	303.8	305.3	368.1A
1974	314.7	407.6	408.6	478.0
1975	369.9	477.1	453.1	514.2
1976	360.4	447.7	459.7	467.4
1977	359.9	476.2	491.9	554.3
1978	398.5	518.4	525.4	662.3
1979	452.6	575.5	531.9	675.6
1980	536.8	697.3	755.0	1062.0

## SEASONALLY ADJUSTED

1966	141.2	149.3	139.0	132.6
1967	147.1	143.3	165.8	170.2
1968	173.1	165.8	181.5	207.8
1969	194.6	228.3	221.2	232.5
1970	216.8	256.5	256.2	280.9
1971	332.0	331.3	346.4	321.8
1972	307.5	284.4	278.9	279.7
1973	273.8	290.5	304.6	329.5A
1974	376.8	391.0	407.0	425.7
1975	445.5	458.5	451.5	454.9
1976	436.6	431.1	458.7	410.8
1977	437.7	459.4	491.9	484.2
1978	486.5	500.6	526.3	576.9
1979	552.8	556.3	533.0	588.0
1980	655.7	674.0	756.6	924.0

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
 OTHER NEW CAPITAL EQUIPMENT  
 ALL INDUSTRIES  
 \$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	270.4	304.3	291.1	303.1
1967	245.8	296.7	266.7	331.0
1968	261.2	338.2	302.7	340.3
1969	279.1	353.3	339.7	381.8
1970	348.5	422.5	405.3	482.3
1971	420.8	518.2	490.6	535.6
1972	405.1	500.2	410.2	419.5
1973	341.8	433.1	439.6	681.5A
1974	599.1	683.0	662.4	719.3
1975	622.2	827.7	806.1	864.2
1976	794.8	1075.9	917.7	1157.3
1977	949.6	1163.9	1123.4	1287.2
1978	1134.7	1582.4	1486.1	1699.0
1979	1486.8	1916.5	1568.3	1758.5
1980	1551.5	2001.1	2125.9	2338.4

## SEASONALLY ADJUSTED

1966	310.4	281.2	298.8	282.5
1967	281.6	275.0	273.8	308.4
1968	297.6	315.0	310.9	316.6
1969	317.3	329.5	349.4	354.7
1970	396.1	394.6	416.5	448.3
1971	477.0	485.7	502.5	498.8
1972	458.2	470.3	418.3	391.7
1973	386.3	407.4	447.0	638.2A
1974	677.3	642.1	671.5	676.2
1975	703.6	775.7	816.8	814.9
1976	901.3	1000.6	932.6	1095.1
1977	1080.3	1071.0	1149.4	1219.6
1978	1295.2	1442.1	1530.8	1611.3
1979	1699.5	1737.0	1621.3	1668.0
1980	1776.1	1807.1	2201.7	2218.2

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## CAPITAL EXPENDITURE

68.

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MINING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	52.7	55.4	46.9	68.9
1967	52.9	74.1	70.4	97.1
1968	72.2	85.6	90.7	122.1
1969	100.0	122.2	122.7	134.1
1970	107.5	168.9	150.7	203.6
1971	187.8	239.4	240.4	245.6
1972	195.6	192.0	114.7	127.7
1973	92.1	120.8	108.3	158.1A
1974	114.4	160.2	166.3	192.7
1975	160.7	187.7	183.7	179.3
1976	136.9	153.7	119.7	120.9
1977	108.5	140.5	154.2	230.4
1978	174.8	244.7	267.0	303.4
1979	256.0	313.0	206.2	295.9
1980	244.6	334.7	378.0	471.0

## SEASONALLY ADJUSTED

1966	62.1	49.5	50.2	62.0
1967	61.8	68.6	74.8	85.8
1968	83.9	81.1	95.4	107.9
1969	115.2	116.5	128.7	119.3
1970	123.2	160.2	158.1	182.6
1971	214.9	224.6	254.2	220.8
1972	224.1	179.4	121.1	115.1
1973	105.8	112.6	113.8	142.5A
1974	131.3	150.4	172.8	174.7
1975	185.1	176.9	188.6	163.8
1976	157.2	145.4	121.8	111.2
1977	124.5	132.4	157.2	212.4
1978	200.5	229.1	274.9	278.0
1979	295.4	291.5	213.5	270.1
1980	283.0	311.3	392.5	429.2

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MANUFACTURING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	193.3	242.1	224.8	219.4
1967	171.1	214.8	197.1	232.7
1968	173.9	227.4	209.5	231.7
1969	182.5	238.6	223.5	257.6
1970	213.7	273.4	243.6	296.8
1971	257.2	305.9	270.6	313.5
1972	233.7	279.3	245.0	274.6
1973	224.7	280.9	253.9	351.4A
1974	279.6	337.1	353.1	425.3
1975	340.1	428.6	347.9	358.7
1976	332.3	453.2	391.0	474.0
1977	386.5	496.0	483.3	541.4
1978	496.7	582.4	565.7	659.2
1979	518.5	684.7	555.9	677.1
1980	550.2	754.6	795.3	963.4

## SEASONALLY ADJUSTED

1966	226.4	224.4	230.0	201.4
1967	200.1	199.2	202.0	213.6
1968	202.4	210.9	216.0	212.3
1969	211.2	221.6	231.5	235.6
1970	245.6	254.3	258.8	270.2
1971	294.3	285.0	284.7	284.7
1972	266.7	260.1	258.5	249.4
1973	256.6	260.6	267.9	320.4A
1974	319.8	311.0	371.6	390.6
1975	389.1	394.2	364.5	331.5
1976	380.6	415.4	408.6	439.5
1977	443.7	453.2	505.4	501.1
1978	573.0	530.9	593.0	607.7
1979	600.4	624.4	582.6	622.6
1980	638.7	688.3	833.4	884.7

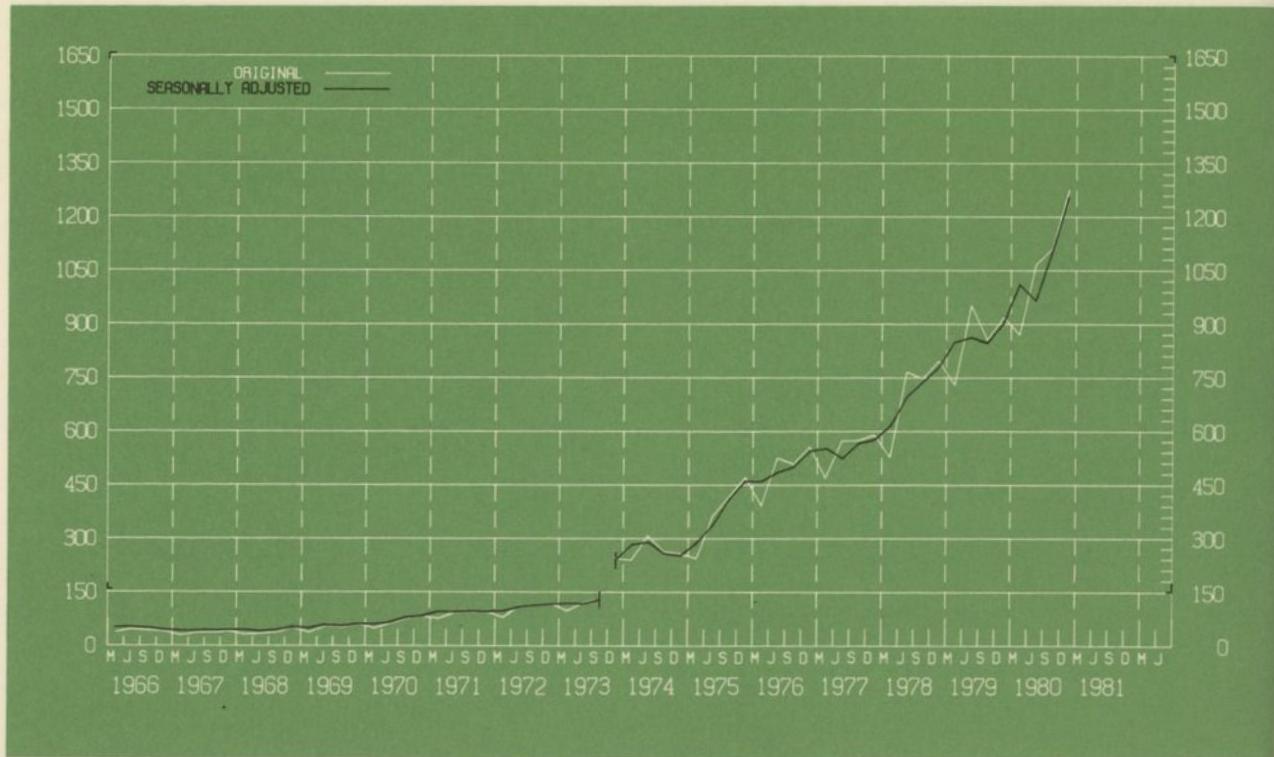
(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## CAPITAL EXPENDITURE

70.

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
FINANCE, PROPERTY AND BUSINESS SERVICES

\$ MILLION

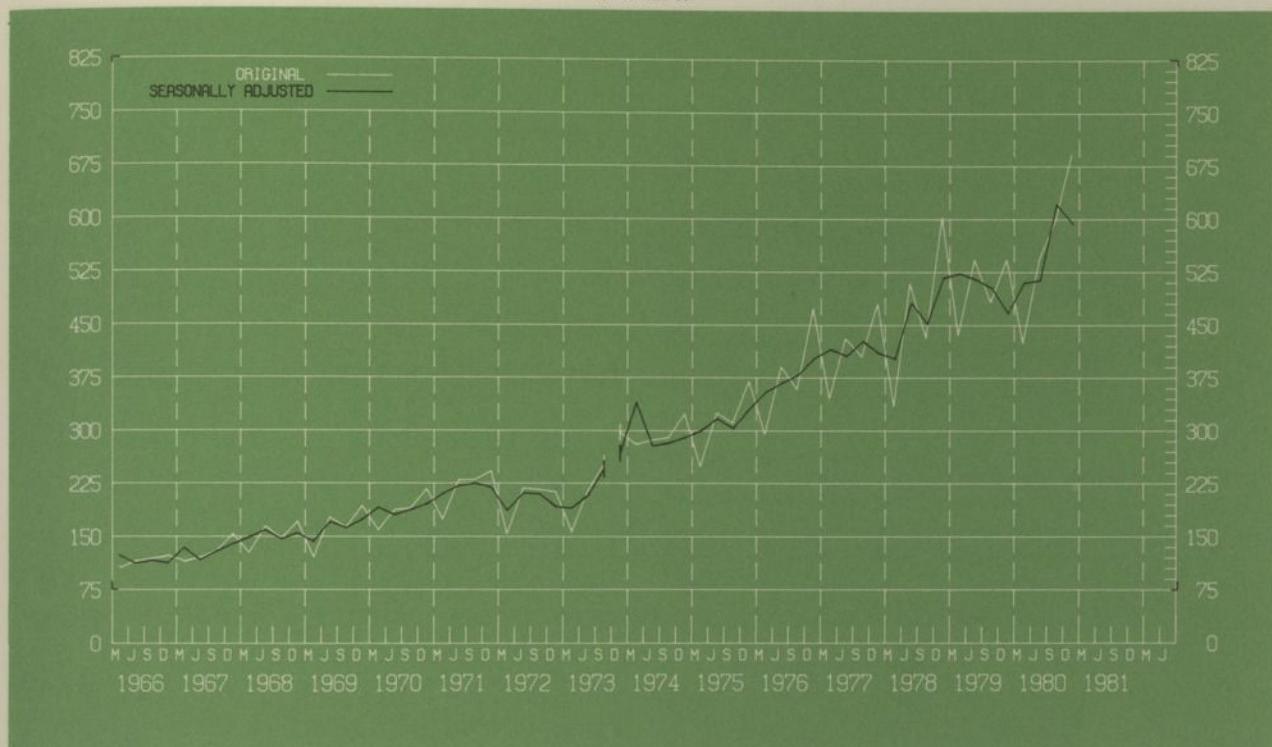


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	36.6	45.6	42.0	40.1
1967	28.8	36.0	35.9	39.7
1968	31.3	33.9	36.9	50.4
1969	36.6	54.5	50.5	60.4
1970	47.0	61.8	75.4	81.7
1971	76.3	92.1	94.0	94.5
1972	78.4	109.5	113.3	116.5
1973	97.7	120.6	130.3	243.0A
1974	239.6	306.9	261.8	256.0
1975	243.0	363.2	417.1	470.8
1976	391.3	525.9	508.2	556.5
1977	468.9	572.8	572.7	589.7
1978	526.9	765.0	747.3	795.7
1979	729.2	951.6	855.6	918.1
1980	869.0	1066.4	1109.7	1274.6
SEASONALLY ADJUSTED				
1966	43.3	44.0	41.1	36.7
1967	33.9	34.8	35.2	36.3
1968	36.7	32.8	36.2	46.1
1969	42.8	52.8	49.2	55.7
1970	55.0	59.6	73.0	76.3
1971	89.3	88.2	90.4	89.7
1972	91.5	103.8	108.7	112.0
1973	113.9	113.2	125.3	235.4A
1974	279.1	285.4	253.4	248.1
1975	284.0	334.7	406.0	457.3
1976	457.0	482.0	496.8	541.2
1977	548.1	521.5	563.0	574.6
1978	614.3	694.2	736.8	777.6
1979	848.1	860.9	845.0	899.9
1980	1008.4	963.4	1097.0	1251.2

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
OTHER INDUSTRIES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	106.1	115.4	118.7	123.1
1967	115.0	120.6	130.4	153.3
1968	126.8	164.1	147.3	171.0
1969	120.7	176.9	163.0	193.0
1970	159.4	187.6	190.2	217.1
1971	174.2	229.7	230.2	242.5
1972	153.6	218.1	216.0	212.5
1973	156.5	214.6	252.4	297.1A
1974	280.2	286.4	289.8	323.3
1975	248.3	325.3	310.5	369.6
1976	294.7	390.8	358.5	473.3
1977	345.6	430.8	405.1	480.0
1978	334.8	508.7	431.5	603.0
1979	435.7	542.7	482.5	543.1
1980	424.5	542.7	597.9	691.5
SEASONALLY ADJUSTED				
1966	123.3	112.3	116.4	112.5
1967	134.0	116.9	129.1	139.1
1968	148.4	158.6	146.2	154.5
1969	142.5	170.1	161.9	173.7
1970	190.6	180.0	187.6	195.3
1971	209.9	221.2	224.6	218.5
1972	185.9	210.9	209.5	191.5
1973	189.6	207.9	244.9	267.0A
1974	339.2	277.9	282.1	289.9
1975	299.3	316.5	303.1	330.7
1976	354.3	367.0	378.9	402.2
1977	414.9	405.5	426.3	409.0
1978	401.5	480.6	450.6	516.3
1979	522.3	513.6	501.7	465.9
1980	509.4	513.1	620.3	593.8

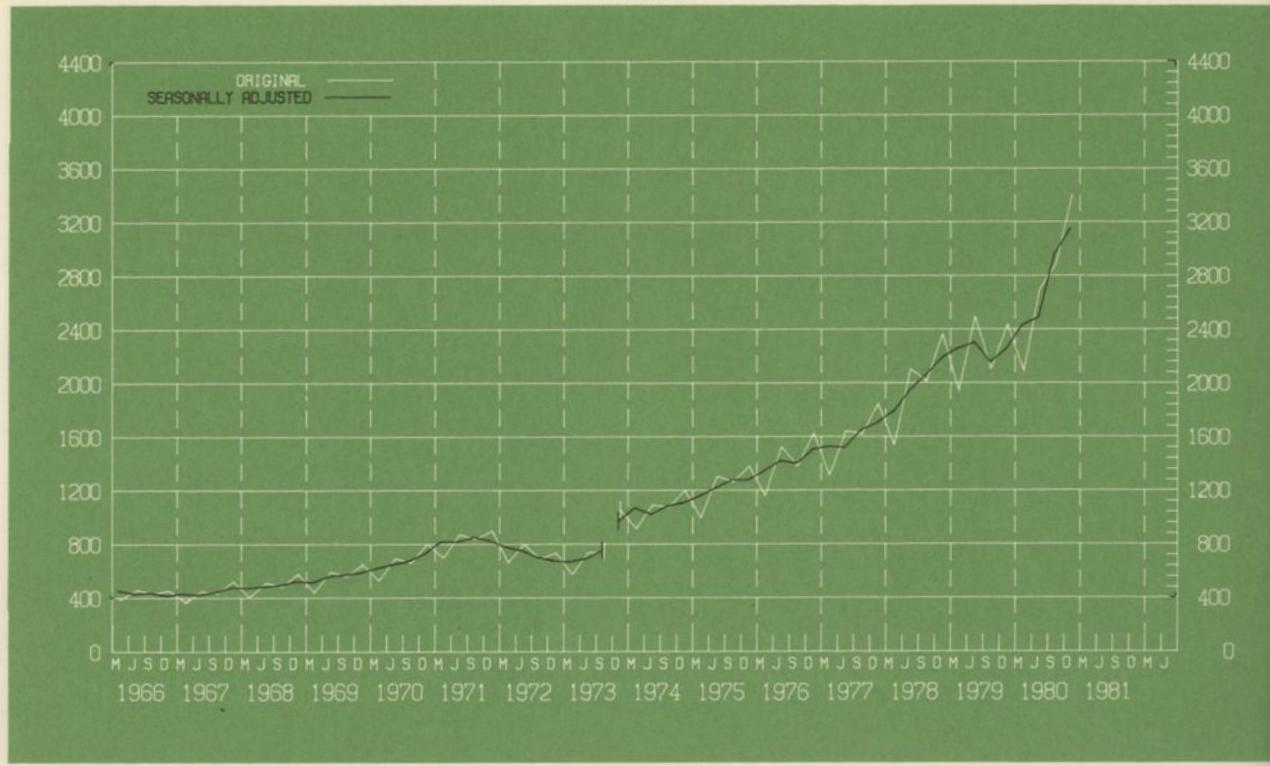
(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

#### CAPITAL EXPENDITURE

72.

**NEW FIXED CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES**  
**TOTAL NEW FIXED CAPITAL EXPENDITURE**

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	388.7	458.5	432.4	451.5
1967	367.8	445.5	433.8	522.8
1968	404.2	511.0	484.4	575.2
1969	439.8	592.2	559.7	645.1
1970	527.6	691.7	659.9	799.2
1971	695.5	867.1	835.2	896.1
1972	661.3	798.9	689.0	731.3
1973	571.0	736.9	744.9	1049.6A
1974	913.8	1090.6	1071.0	1197.3
1975	992.1	1304.8	1259.2	1378.4
1976	1155.2	1523.6	1377.8	1624.7
1977	1309.5	1640.1	1615.3	1841.5
1978	1533.2	2100.8	2011.5	2361.3
1979	1939.4	2492.0	2100.2	2438.2
1980	2088.3	2698.4	2880.9	3400.5

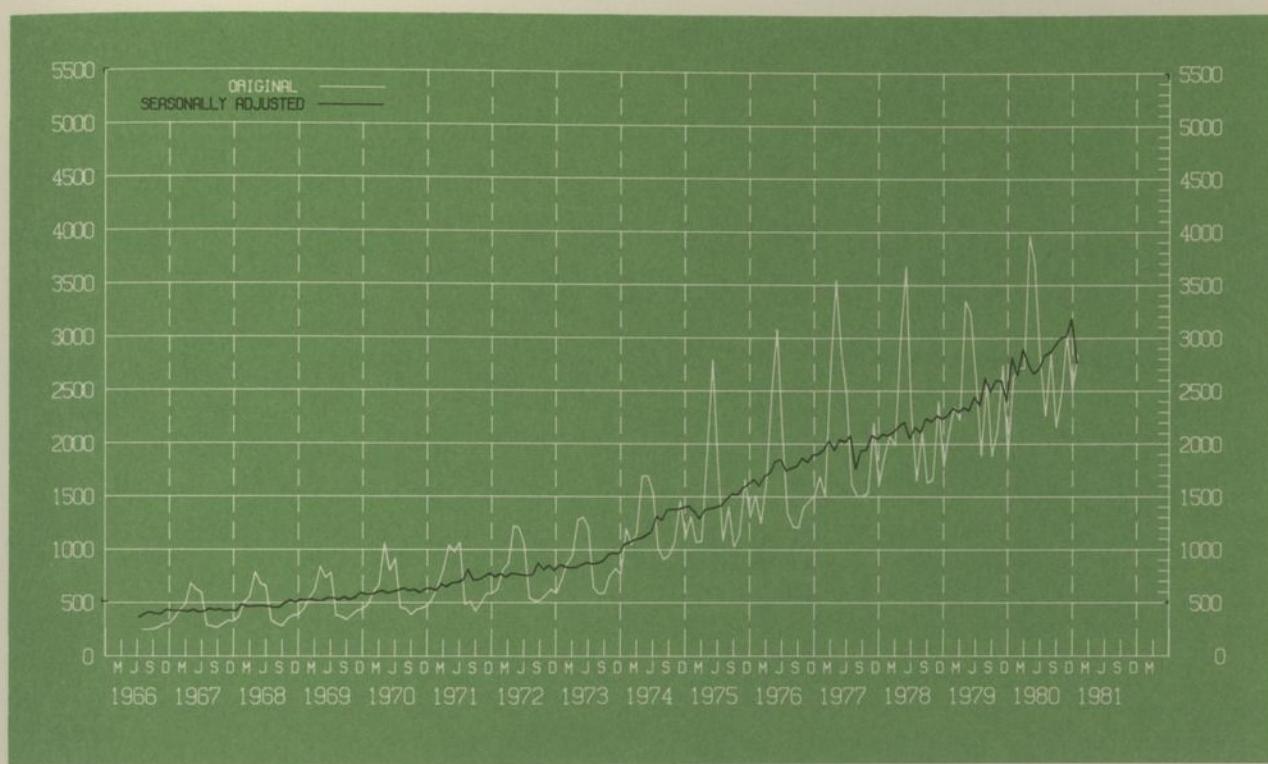
**SEASONALLY ADJUSTED**

1966	451.6	432.8	436.7	413.0
1967	429.0	420.6	439.3	476.5
1968	471.9	482.3	491.8	522.9
1969	514.5	557.2	569.8	585.8
1970	619.5	648.8	671.5	727.6
1971	816.3	812.2	847.7	820.1
1972	773.8	748.5	696.6	672.7
1973	666.6	690.0	752.8	968.0A
1974	1065.2	1020.3	1081.7	1106.5
1975	1155.4	1217.5	1275.1	1275.0
1976	1344.5	1417.8	1398.1	1504.5
1977	1524.9	1518.7	1640.1	1704.3
1978	1785.4	1939.9	2058.5	2185.9
1979	2257.7	2297.0	2152.6	2253.2
1980	2431.5	2485.1	2955.0	3147.6

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

COMMONWEALTH AND STATE GOVERNMENT CONSOLIDATED REVENUE FUNDS

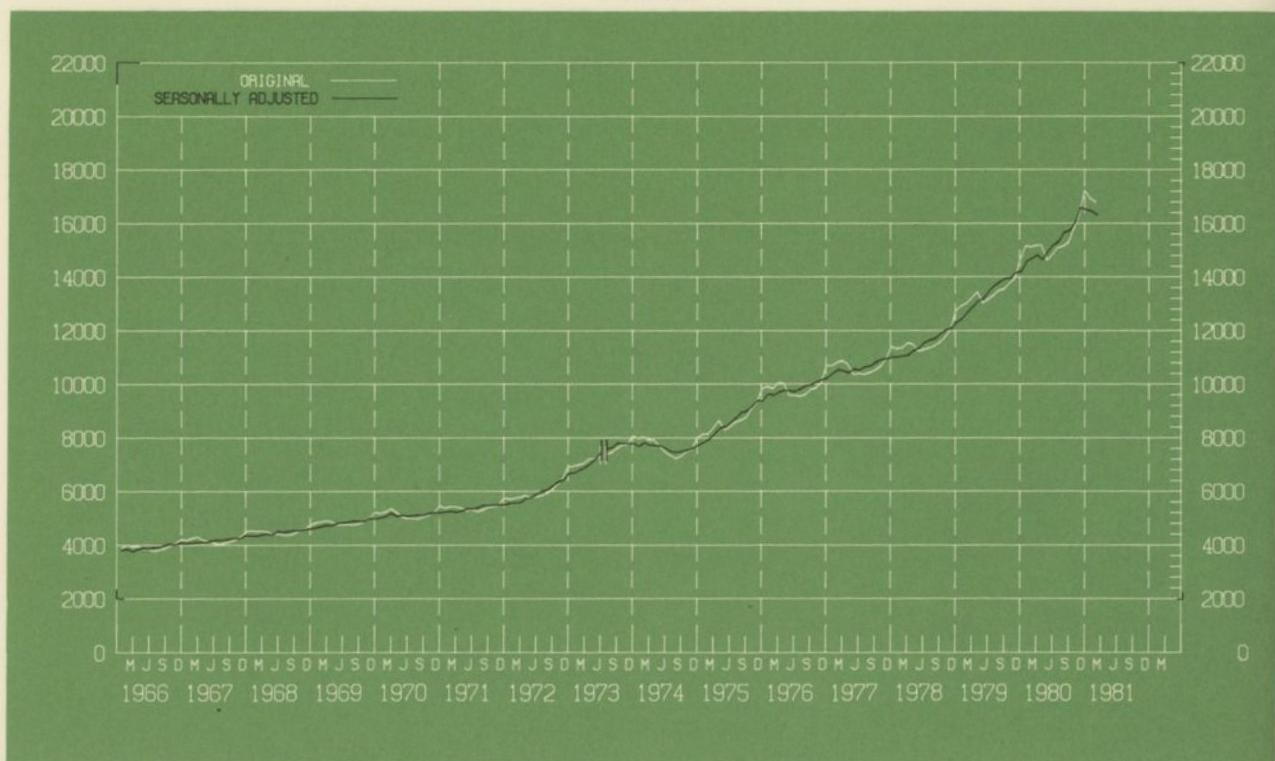
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**SEASONALLY ADJUSTED**

## VOLUME OF MONEY - DEFINITION M1 (A)

\$ MILLION



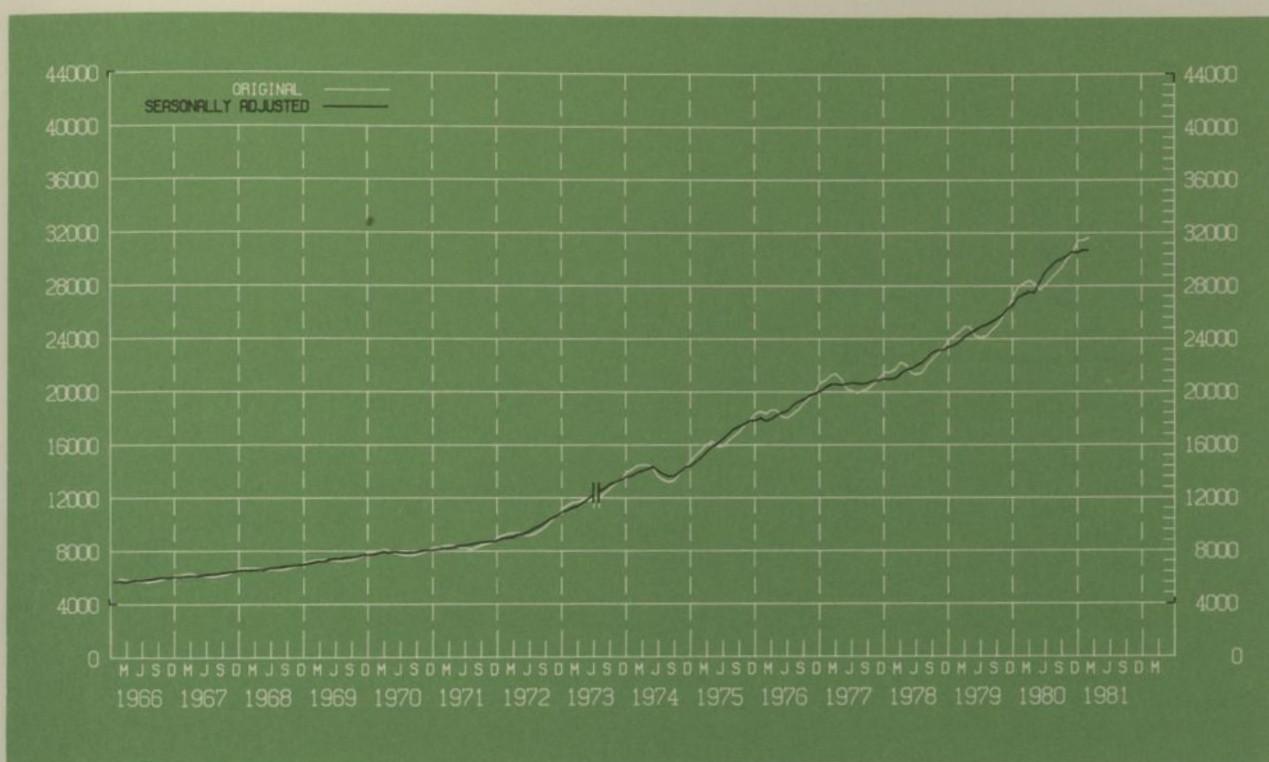
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	3894	3995	3933	3927	3831	3817	3760	3815	3882	3967	4062	4203
1967	4182	4246	4291	4169	4106	4074	4035	4073	4113	4189	4300	4495
1968	4529	4496	4507	4488	4379	4414	4374	4359	4421	4527	4581	4752
1969	4821	4858	4885	4864	4752	4750	4746	4740	4756	4865	4989	5205
1970	5160	5234	5337	5203	5041	4984	4983	4961	5036	5112	5213	5447
1971	5368	5419	5415	5365	5273	5313	5228	5299	5397	5416	5498	5750
1972	5703	5738	5774	5848	5735	5795	5822	5920	6053	6269	6468	6899
1973	6927	6977	7039	7223	7190	7317	7357B	7432	7587	7720	7717	8050
1974	7956	8016	7899	7902	7649	7450	7324	7210	7295	7465	7549	7990
1975	8116	8133	8362	8625	8267	8389	8559	8631	8743	9059	9279	9807
1976	9890	9823	10041	10025	9573	9572	9531	9601	9785	9839	10029	10681
1977	10675	10805	10863	10707	10343	10377	10348	10423	10512	10647	10896	11378
1978	11311	11334	11509	11480	11203	11266	11327	11411	11539	11725	12011	12709
1979	12900	13012	13195	13434	13003	13146	13304	13491	13540	13759	13926	14661
1980	15149	15107	15170	15168	14613	14843	15079	15141	15284	15792	16310	17218
1981	16920	16777										
SEASONALLY ADJUSTED												
1966	3805	3855	3772	3860	3890	3867	3916	3934	4008	4040	4033	4097
1967	4083	4104	4108	4117	4124	4175	4199	4195	4243	4266	4268	4376
1968	4373	4351	4386	4422	4399	4522	4498	4530	4559	4560	4597	4621
1969	4656	4711	4763	4740	4830	4862	4875	4918	4903	4898	5006	5001
1970	5042	5084	5199	5089	5126	5096	5108	5139	5130	5201	5233	5232
1971	5247	5276	5253	5280	5362	5368	5407	5490	5493	5508	5529	5519
1972	5577	5594	5599	5755	5771	5915	6016	6075	6225	6382	6448	6693
1973	6695	6805	6905	7071	7240	7470	7603B	7637	7809	7788	7792	7799
1974	7687	7826	7739	7719	7707	7611	7480	7473	7498	7546	7629	7729
1975	7844	7953	8152	8366	8419	8580	8739	8949	9000	9173	9393	9382
1976	9642	9591	9711	9767	9759	9705	9820	9947	9975	10076	10163	10221
1977	10400	10542	10500	10427	10563	10525	10649	10681	10822	10905	10948	11009
1978	11015	11054	11074	11242	11349	11537	11641	11688	11874	12010	12081	12308
1979	12431	12671	12879	13092	13189	13455	13671	13822	13939	13955	14159	14206
1980	14589	14696	14805	14636	14981	15185	15337	15667	15734	16018	16591	16512
1981	16459	16320										

(A) SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VOLUME OF MONEY - DEFINITION M2 (A)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	5775	5914	5846	5829	5731	5715	5674	5745	5816	5907	6027	6185
1967	6186	6273	6319	6187	6128	6100	6079	6133	6201	6302	6457	6680
1968	6735	6710	6722	6684	6574	6605	6593	6606	6693	6822	6922	7128
1969	7244	7311	7359	7364	7286	7292	7269	7294	7351	7495	7687	7934
1970	7903	7994	8113	8001	7851	7747	7688	7662	7756	7874	8024	8280
1971	8241	8372	8440	8385	8242	8233	8141	8251	8444	8533	8683	9022
1972	9157	9309	9317	9364	9165	9169	9313	9579	9857	10263	10615	11155
1973	11419	11642	11672	11841	11783	11873	12040B	12359	12711	13097	13311	13929
1974	14122	14424	14481	14490	14220	13567B	13319	13178	13329	13870	14311	14759
1975	15235	15613	16023	16259	15847	15901	16295	16655	16977	17474	17831	18344
1976	18497	18345	18614	18594	18081	18021	18292	18648	19093	19489	19889	20622
1977	20849	21213	21351	20923	20195	20067	19903	20078	20251	20603	20989	21477
1978	21465	21689	22222	22044	21402	21297	21453	22086	22523	22915	23298	23964
1979	24210	24538	24928	24899	24209	24124	24175	24652	24979	25608	26228	27167
1980	27946	28181	28396	28154	27657	28098	28546	28970	29378	30027	30495	31391
1981	31434	31612										

## ORIGINAL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	5775	5914	5846	5829	5731	5715	5674	5745	5816	5907	6027	6185
1967	6186	6273	6319	6187	6128	6100	6079	6133	6201	6302	6457	6680
1968	6735	6710	6722	6684	6574	6605	6593	6606	6693	6822	6922	7128
1969	7244	7311	7359	7364	7286	7292	7269	7294	7351	7495	7687	7934
1970	7903	7994	8113	8001	7851	7747	7688	7662	7756	7874	8024	8280
1971	8241	8372	8440	8385	8242	8233	8141	8251	8444	8533	8683	9022
1972	9157	9309	9317	9364	9165	9169	9313	9579	9857	10263	10615	11155
1973	11419	11642	11672	11841	11783	11873	12040B	12359	12711	13097	13311	13929
1974	14122	14424	14481	14490	14220	13567B	13319	13178	13329	13870	14311	14759
1975	15235	15613	16023	16259	15847	15901	16295	16655	16977	17474	17831	18344
1976	18497	18345	18614	18594	18081	18021	18292	18648	19093	19489	19889	20622
1977	20849	21213	21351	20923	20195	20067	19903	20078	20251	20603	20989	21477
1978	21465	21689	22222	22044	21402	21297	21453	22086	22523	22915	23298	23964
1979	24210	24538	24928	24899	24209	24124	24175	24652	24979	25608	26228	27167
1980	27946	28181	28396	28154	27657	28098	28546	28970	29378	30027	30495	31391
1981	31434	31612										

## SEASONALLY ADJUSTED

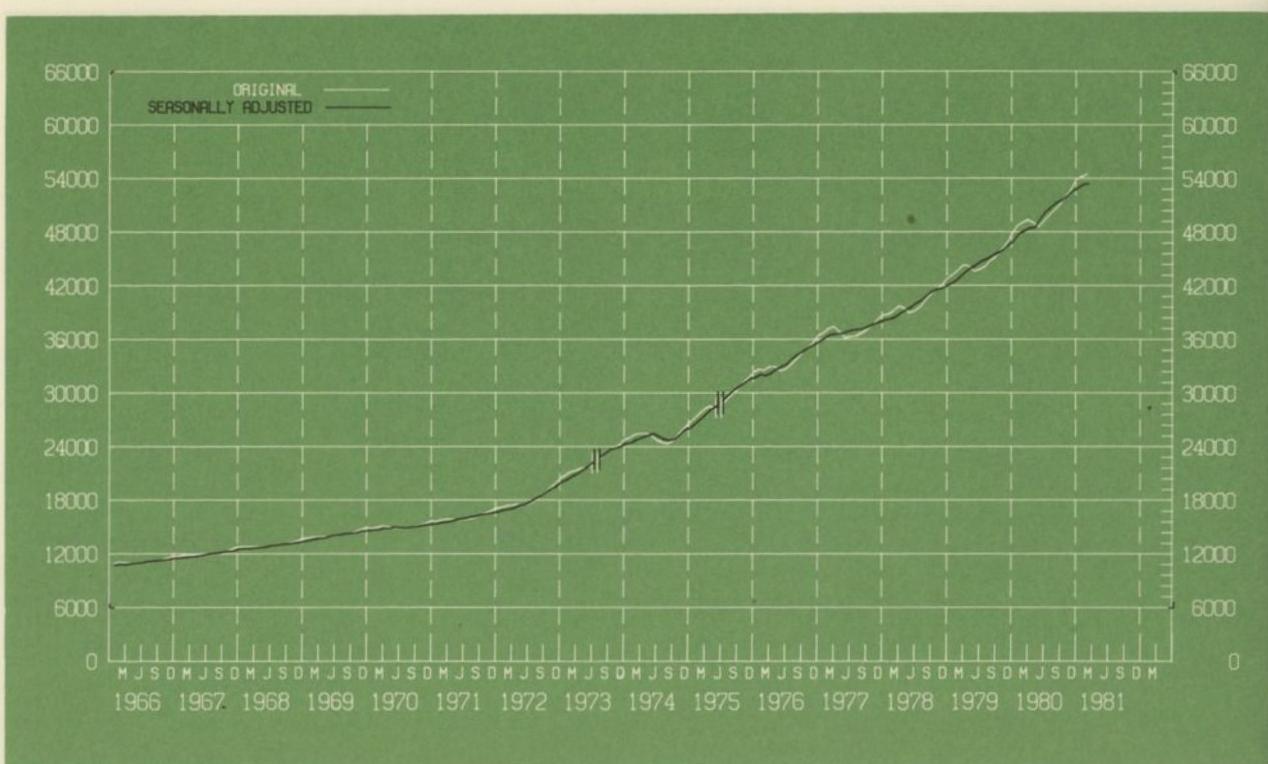
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	5671	5749	5665	5755	5794	5784	5848	5881	5957	5993	5989	6065
1967	6067	6104	6114	6127	6149	6219	6262	6276	6349	6395	6417	6546
1968	6555	6536	6578	6606	6595	6729	6740	6806	6854	6873	6931	6980
1969	7050	7132	7211	7219	7364	7421	7424	7508	7528	7550	7698	7710
1970	7749	7810	7947	7855	7935	7878	7843	7879	7886	7986	8038	8044
1971	8081	8198	8160	8258	8361	8415	8468	8556	8613	8650	8706	8764
1972	8899	8961	9004	9216	9238	9440	9681	9866	10119	10404	10580	10908
1973	11022	11220	11356	11617	11888	12240	12509B	12728	13048	13191	13356	13619
1974	13642	13917	14063	14209	14368	14024B	13750	13622	13655	13966	14336	14423
1975	14746	15100	15512	15895	16117	16460	16820	17199	17381	17581	17849	17820
1976	18024	17770	17945	18225	18414	18562	18971	19235	19427	19656	19886	20037
1977	20340	20567	20575	20516	20602	20673	20632	20583	20694	20817	20881	20977
1978	20955	21047	21368	21679	21757	22026	22228	22632	22997	23148	23177	23407
1979	23512	23807	24157	24420	24635	24921	25044	25262	25515	25752	26246	26535
1980	27133	27333	27514	27465	28307	29022	29434	29841	29993	30195	30523	30481
1981	30689	30661										

(A) SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## VOLUME OF MONEY - DEFINITION M3 (A)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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ORIGINAL												
1966	10875	11052	11000	10963	10877	10938	10981	11105	11218	11356	11518	11686
1967	11706	11830	11895	11770	11747	11824	11902	12020	12155	12312	12506	12739
1968	12802	12801	12824	12771	12684	12805	12878	12955	13096	13272	13423	13635
1969	13757	13869	13930	13931	13883	13974	14056	14154	14267	14475	14705	14934
1970	14882	14976	15106	14991	14860	14837	14858	14884	15038	15221	15427	15698
1971	15648	15806	15909	15868	15767	15852	15860	16060	16350	16526	16729	17067
1972	17189	17378	17438	17516	17367	17508	17827	18255	18704	19281	19787	20425
1973	20800	21175	21347	21600	21659	22001	22382B	22915	23450	23911	24149	24779
1974	24998	25377	25477	25470	25242	24706B	24465	24323	24584	25351	26008	26541
1975	27153	27715	28228	28502	28184	28557B	29247	29810	30380	31149	31689	32333
1976	32604	32525	32911	32924	32467	32672	33202	33747	34449	35059	35559	36395
1977	36695	37187	37384	36868	36166	36265	36344	36669	37028	37588	38087	38659
1978	38784	39156	39726	39481	38937	39151	39592	40393	40988	41507	41960	42743
1979	43178	43711	44244	44190	43560	43777	44061	44687	45174	45920	46623	47668
1980	48628	49057	49310	49008	48509	49159	49860	50449	51068	51969	52657	53854
1981	54144	54452										

## SEASONALLY ADJUSTED

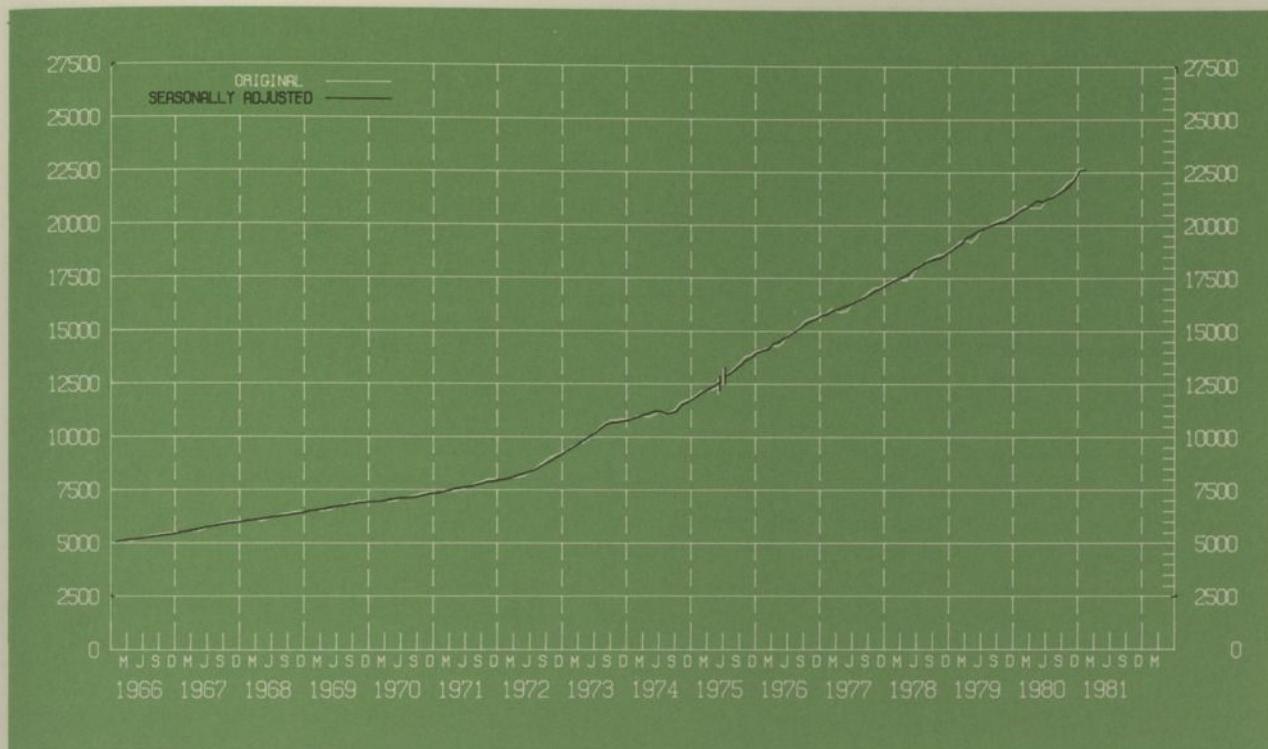
1966	10766	10888	10841	10955	11022	11046	11144	11212	11320	11390	11423	11539
1967	11583	11661	11718	11780	11854	11983	12075	12135	12257	12345	12404	12573
1968	12618	12631	12710	12770	12797	12973	13019	13124	13206	13259	13359	13451
1969	13566	13695	13817	13867	14055	14154	14205	14334	14392	14455	14635	14674
1970	14731	14797	14974	14926	15046	15020	15010	15071	15110	15252	15361	15421
1971	15491	15641	15667	15827	15989	16089	16191	15333	16459	16558	16664	16764
1972	16937	17033	17158	17457	17553	17844	18201	18512	18907	19326	19656	20132
1973	20402	20749	21060	21475	21904	22441	22861B	23260	23719	23894	24092	24410
1974	24504	24855	25081	25303	25543	25241B	24914	24746	24847	25339	25929	26142
1975	26640	27177	27736	28258	28626	29208B	29785	30334	30722	31131	31591	31735
1976	32089	31918	32250	32694	33011	33313	33891	34322	34697	35133	35439	35728
1977	36137	36474	36587	36621	36812	36985	37082	37151	37400	37672	37858	38096
1978	38220	38455	38870	39281	39552	39999	40362	40914	41379	41595	41712	42130
1979	42421	42903	43467	43905	44264	44703	44937	45268	45617	45915	46506	46990
1980	47758	48126	48431	48522	49462	50239	50754	51283	51594	51988	52549	52898
1981	53330	53416										

(A) SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## SAVINGS BANKS - DEPOSITORS' BALANCES (A)

\$ MILLION



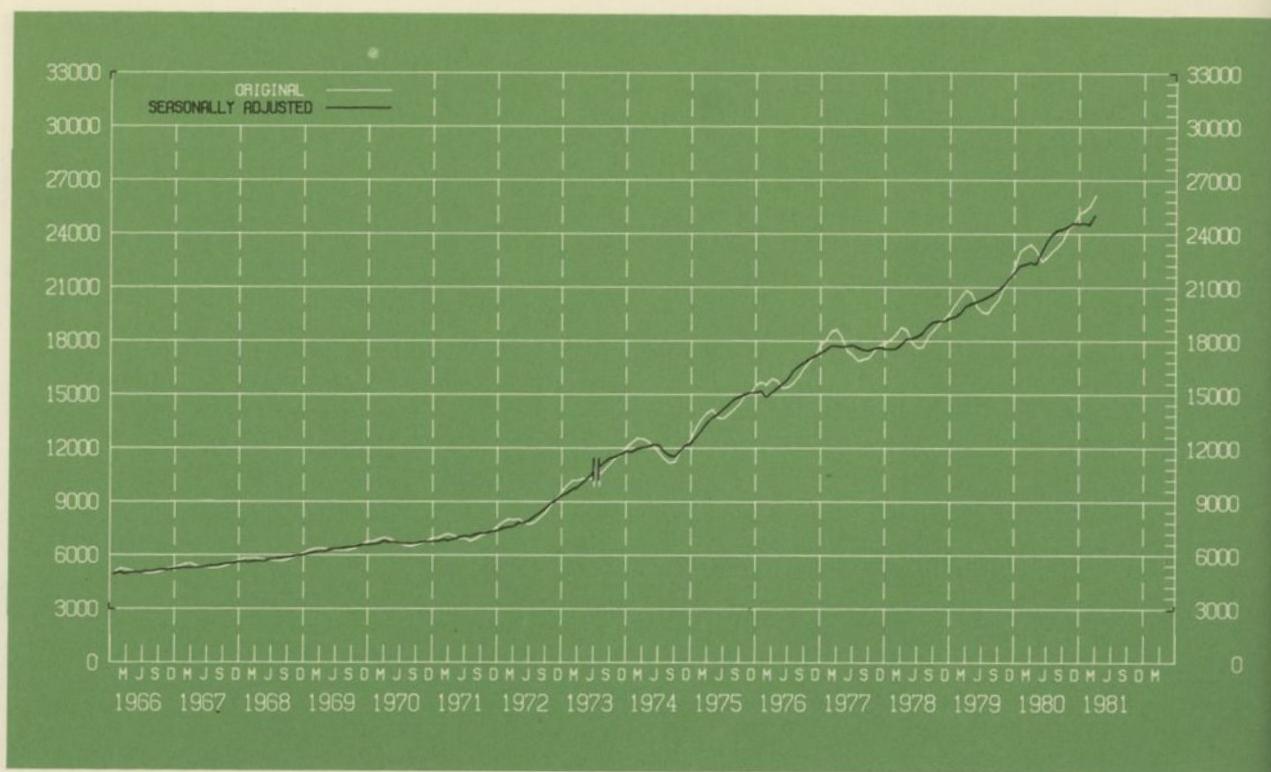
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	5084.9	5141.8	5117.6	5102.1	5140.5	5253.7	5307.7	5356.4	5391.4	5448.5	5474.4	5471.4
1967	5511.7	5544.4	5551.3	5558.2	5622.7	5764.7	5820.7	5890.2	5952.2	6001.2	6030.5	6021.4
1968	6046.1	6071.1	6067.6	6043.4	6111.9	6221.5	6280.0	6349.1	6385.1	6442.4	6484.8	6456.3
1969	6497.9	6546.5	6524.5	6537.8	6582.6	6707.1	6790.9	6849.6	6900.3	6977.6	6976.4	6943.1
1970	6934.7	6948.8	6955.2	6944.2	6991.0	7104.7	7148.8	7204.5	7266.2	7333.8	7377.5	7362.8
1971	7358.4	7418.9	7427.3	7448.3	7509.5	7634.5	7708.0	7814.0	7899.8	7984.1	8008.8	7982.1
1972	7987.8	8055.7	8092.3	8120.6	8192.4	8391.4	8540.5	8718.7	8882.4	9062.9	9192.8	9261.8
1973	9417.3	9569.0	9700.3	9736.7	9935.3	10237.9	10438.1	10666.7	10803.9	10817.8	10851.6	10841.3
1974	10904.3	10995.2	10991.7	10963.0	11074.2	11195.6	11087.4	11193.7	11308.3	11645.5	11739.7	11815.9
1975	12012.2	12183.6	12218.1	12258.6	12406.8	12868.5	13024.4	13276.3	13519.8	13822.0	13882.5	14083.9
1976	14121.8	14228.3	14354.9	14294.0	14467.4	14822.5	14985.8	15201.1	15501.0	15629.1	15700.0	15833.8
1977	15845.1	16090.3	15964.5	15913.6	16016.9	16365.3	16504.8	16666.6	16876.0	17082.0	17103.2	17247.9
1978	17379.6	17543.1	17452.7	17408.7	17649.7	18046.3	18221.8	18381.4	18537.0	18635.5	18677.2	18869.6
1979	19056.0	19278.4	19340.1	19228.5	19462.4	19832.5	19927.2	20130.8	20246.7	20364.0	20412.1	20575.4
1980	20773.8	20963.7	20848.8	20844.7	20845.5	21260.9	21351.4	21592.2	21770.9	22097.5	22210.3	22698.6
1981	22704.5	22958.7										
SEASONALLY ADJUSTED												
1966	5088.6	5141.1	5160.5	5189.9	5215.5	5254.4	5286.3	5322.1	5351.3	5386.9	5427.3	5460.5
1967	5510.0	5552.1	5600.1	5647.0	5703.8	5760.0	5805.4	5852.3	5898.8	5937.5	5976.5	6002.8
1968	6054.6	6082.5	6116.5	6147.2	6190.8	6227.4	6265.1	6300.8	6333.9	6369.8	6417.0	6445.1
1969	6511.8	6553.6	6587.7	6631.2	6674.8	6717.0	6768.4	6806.3	6842.8	6886.4	6910.9	6932.1
1970	6943.9	6967.3	7004.3	7050.3	7088.5	7109.5	7137.6	7160.0	7193.6	7245.5	7309.3	7342.9
1971	7378.8	7439.6	7485.5	7560.3	7604.1	7650.7	7701.8	7758.3	7830.4	7889.7	7925.7	7972.5
1972	8007.8	8064.0	8150.8	8232.1	8307.7	8408.6	8530.6	8673.3	8806.8	8946.5	9114.0	9252.3
1973	9422.5	9571.1	9750.5	9884.0	10077.5	10241.9	10448.0	10620.9	10702.7	10696.9	10766.3	10813.5
1974	10902.0	10968.7	11057.0	11132.3	11221.5	11210.4	11104.2	11140.9	11221.9	11520.0	11645.4	11795.5
1975	11984.6	12152.9	12290.1	12434.9	12588.5	12881.98	13027.9	13240.6	13424.1	13662.6	13806.2	14017.0
1976	14098.5	14175.0	14424.1	14521.6	14680.0	14814.6	15005.3	15166.5	15367.8	15486.9	15605.4	15766.0
1977	15813.5	15970.5	16049.1	16179.6	16239.1	16373.0	16504.8	16615.3	16773.7	16910.4	17042.7	17181.6
1978	17329.7	17452.5	17546.4	17687.6	17897.6	18031.5	18218.0	18327.2	18414.9	18454.3	18625.2	18800.6
1979	18996.7	19160.8	19455.9	19541.0	19714.3	19826.4	19937.4	20053.2	20129.5	20168.0	20368.5	20515.7
1980	20708.6	20843.0	20985.0	21174.6	21130.3	21270.0	21343.9	21517.5	21663.4	21888.2	22180.1	22621.2
1981	22631.9	22837.0										

(A) EXCLUDES EXTERNAL TERRITORIES.

(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

## MAJOR TRADING BANKS - TOTAL DEPOSITS

\$ MILLION

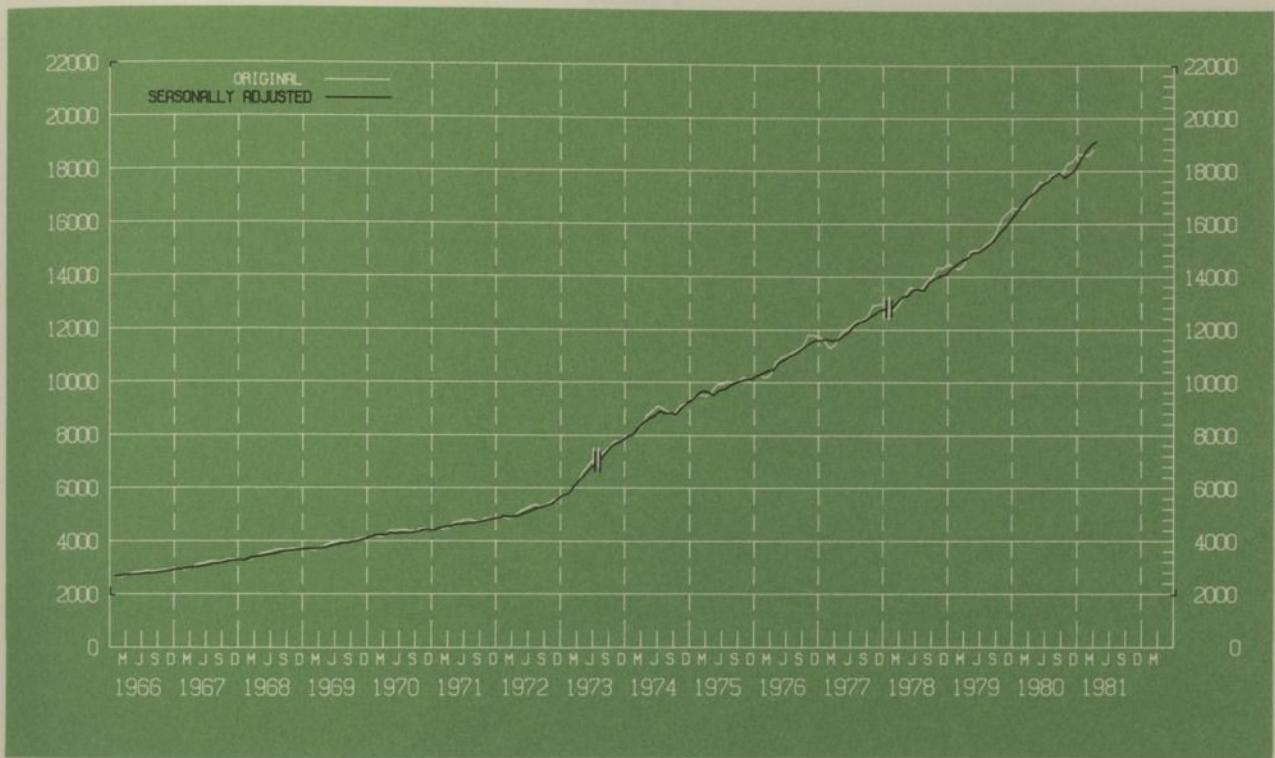


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	5048.8	5222.8	5153.1	5095.9	5010.4	4992.5	4938.5	4983.7	5029.4	5125.3	5217.9	5297.9
1967	5382.9	5489.2	5515.9	5372.9	5310.2	5264.8	5258.9	5298.4	5342.2	5446.5	5592.5	5717.1
1968	5819.4	5816.2	5831.5	5759.4	5688.7	5697.9	5682.5	5668.1	5744.8	5887.1	5979.2	6110.3
1969	6260.7	6349.0	6378.5	6356.0	6265.8	6277.1	6249.4	6256.6	6310.8	6452.7	6603.9	6758.6
1970	6759.8	6870.1	6963.8	6891.4	6726.2	6623.3	6525.9	6480.7	6567.1	6665.7	6767.9	6945.4
1971	6946.2	7091.4	7149.0	7044.7	6915.2	6912.0	6772.8	6899.3	7091.2	7181.5	7342.0	7609.8
1972	7830.0	7988.5	7952.4	7997.6	7770.4	7719.3	7845.2	8130.8	8397.9	8826.3	9139.0	9549.3
1973	9932.3	10186.7	10184.4	10292.1	10266.8	10320.9	10480.0A	10812.6	11133.2	11451.3	11606.9	12066.3
1974	12296.8	12544.7	12516.3	12374.6	12095.3	11754.8	11380.4	11162.5	11249.5	11800.4	12119.4	12507.5
1975	13179.2	13628.3	13982.7	14159.5	13700.0	13665.3	13909.7	14179.6	14497.0	14943.1	15066.5	15500.1
1976	15678.6	15536.1	15870.0	15778.6	15347.9	15385.2	15613.8	15957.9	16456.3	16830.9	17126.5	17708.0
1977	18021.5	18513.8	18628.6	18158.1	17396.0	17192.7	16825.8	16948.6	17027.3	17420.5	17718.2	17848.7
1978	18054.0	18340.4	18743.1	18619.7	17890.2	17593.4	17637.4	18254.6	18599.5	18951.5	19232.1	19601.2
1979	20046.0	20460.5	20851.5	20652.9	19902.2	19601.7	19550.2	19958.0	20312.6	20993.3	21458.6	22150.0
1980	22999.4	23251.5	23399.4	23087.8	22435.6	22679.7	23010.0	23278.1	23629.7	24287.7	24555.2	25126.7
1981	25292.3	25563.7	26156.3									
SEASONALLY ADJUSTED												
1966	4956.9	5056.1	4967.4	5035.3	5064.1	5044.2	5092.9	5103.8	5169.9	5203.1	5186.0	5229.8
1967	5277.4	5314.4	5316.4	5312.7	5318.0	5361.2	5426.2	5430.0	5490.4	5528.6	5560.1	5642.2
1968	5654.7	5633.7	5675.6	5697.0	5691.9	5794.5	5816.3	5858.6	5904.8	5927.2	5994.5	6027.9
1969	6083.9	6158.2	6219.3	6230.0	6314.4	6370.8	6397.2	6465.3	6486.8	6497.8	6619.1	6610.0
1970	6627.8	6671.2	6806.5	6748.0	6768.9	6708.4	6677.9	6696.2	6694.6	6771.2	6787.0	6790.0
1971	6815.6	6897.9	6855.7	6940.0	7041.7	7109.3	7100.3	7194.2	7256.7	7264.5	7369.5	7411.0
1972	7551.5	7604.8	7632.1	7860.2	7847.3	8001.0	8215.8	8418.0	8654.2	8934.6	9115.7	9372.9
1973	9514.4	9717.0	9841.2	10088.3	10371.2	10697.5	10963.5A	11198.5	11465.9	11514.8	11671.8	11848.3
1974	11795.6	11975.8	12060.9	12105.9	12222.3	12223.7	11842.7	11631.7	11572.0	11869.9	12174.1	12293.1
1975	12674.5	13023.8	13437.5	13746.3	13933.5	14216.4	14474.5	14766.1	14898.7	15022.9	15128.6	15140.2
1976	15208.6	14881.3	15137.5	15389.3	15628.0	15899.6	16346.4	16606.4	16804.0	17004.3	17168.3	17326.0
1977	17512.4	17748.1	17746.1	17691.4	17730.1	17773.8	17625.1	17522.8	17485.1	17600.5	17651.4	17581.6
1978	17559.3	17591.2	17841.7	18130.6	18155.2	18271.3	18478.0	18864.2	19096.5	19146.7	19147.4	19311.7
1979	19381.0	19626.4	19969.3	20104.0	20218.8	20329.5	20473.6	20619.3	20868.7	21098.4	21501.4	21818.3
1980	22235.1	22303.0	22408.8	22326.7	22950.2	23519.2	23966.4	24204.7	24264.2	24411.0	24617.4	24569.5
1981	24610.6	24520.2	25042.4									

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

## MAJOR TRADING BANKS - LOANS, ADVANCES AND BILLS DISCOUNTED

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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## ORIGINAL

1966	2665.9	2642.7	2697.8	2792.1	2818.5	2844.6	2900.8	2866.2	2866.2	2915.2	2930.6	2952.3
1967	2934.0	2911.6	2961.9	3085.8	3136.7	3180.9	3244.3	3228.9	3228.5	3310.7	3312.3	3306.8
1968	3267.0	3287.9	3354.2	3504.2	3559.1	3597.7	3662.4	3675.6	3664.7	3716.8	3704.8	3717.6
1969	3687.1	3632.9	3676.5	3820.0	3901.1	3952.2	4026.8	3979.6	3985.6	4060.1	4095.5	4139.5
1970	4178.8	4150.9	4160.6	4388.2	4375.9	4400.9	4422.2	4368.2	4357.2	4472.1	4436.0	4392.5
1971	4465.8	4440.1	4503.2	4704.9	4720.3	4770.0	4785.7	4740.4	4735.7	4845.5	4849.4	4856.5
1972	4927.1	4831.9	4868.0	5057.5	5173.2	5257.0	5361.6	5313.4	5329.6	5462.3	5584.6	5705.6
1973	5767.1	5960.2	6206.7	6596.2	6853.9	7087.6	7211.6A	7355.4	7556.7	7767.8	7754.2	7894.2
1974	7989.6	8146.3	8353.7	8763.9	8916.0	9099.2	8995.6	8870.9	8775.3	9103.3	9178.9	9271.7
1975	9504.2	9526.0	9484.4	9642.8	9913.0	9932.3	10045.8	10013.9	10056.7	10195.4	10072.1	10176.0
1976	10288.6	10167.1	10304.2	10792.9	10948.4	11013.9	11120.2	11227.6	11365.0	11786.8	11782.6	11735.6
1977	11571.8	11282.9	11420.1	11819.4	12001.9	12147.8	12330.0	12343.0	12502.6	12911.3	12952.2	12959.2
1978	12730.9A	12737.3	13022.8	13329.4	13618.4	13483.6	13538.5	13810.7	13985.8	14357.1	14324.2	14514.8
1979	14366.1	14304.2	14471.9	14949.7	15030.1	15011.7	15252.2	15379.6	15707.5	16216.1	16406.8	16612.2
1980	16565.2	16574.6	16835.5	17304.2	17613.3	17514.1	17863.6	17900.9	17810.8	18273.4	18356.0	18638.1
1981	18605.8	18594.8	18811.0									

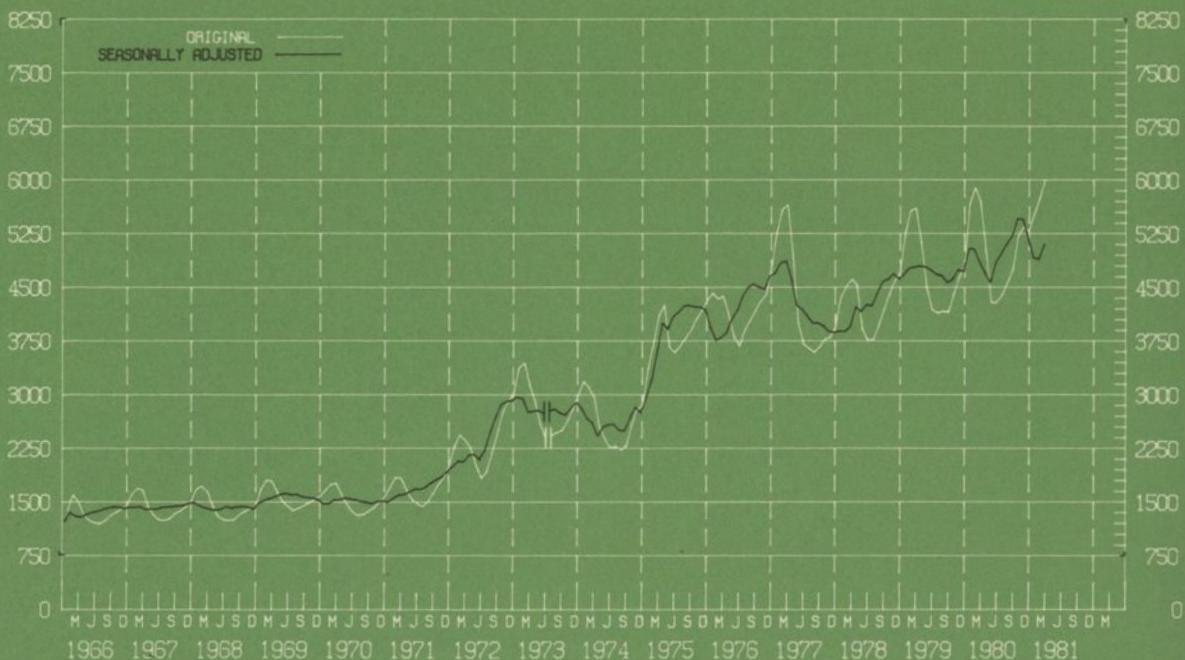
## SEASONALLY ADJUSTED

1966	2720.5	2741.0	2769.7	2776.8	2778.9	2796.0	2830.9	2834.0	2864.7	2891.6	2923.2	2970.0
1967	2988.1	3015.3	3037.6	3065.7	3092.7	3128.4	3168.4	3198.0	3230.6	3286.6	3308.8	3325.7
1968	3319.9	3397.4	3436.6	3476.8	3509.4	3538.5	3579.8	3647.5	3673.3	3693.2	3705.4	3739.8
1969	3738.9	3744.3	3762.4	3785.6	3845.6	3885.9	3939.5	3956.9	4002.7	4037.3	4101.3	4166.7
1970	4230.7	4268.1	4252.3	4343.8	4310.6	4324.4	4330.7	4351.3	4382.2	4449.3	4449.2	4426.2
1971	4516.2	4555.4	4595.4	4652.7	4646.0	4684.2	4691.4	4729.4	4767.2	4822.4	4871.3	4899.9
1972	4978.4	4947.6	4961.4	4997.5	5087.6	5161.6	5262.4	5306.6	5365.0	5436.0	5618.4	5762.9
1973	5822.9	6092.0	6320.9	6516.1	6735.6	6961.0	7087.7A	7350.7	7602.5	7729.2	7809.2	7978.9
1974	8058.8	8314.2	8505.9	8658.5	8760.3	8941.9	8853.8	8871.2	8815.8	9054.1	9249.7	9373.6
1975	9580.5	9707.3	9657.5	9531.8	9741.6	9769.3	9899.9	10022.1	10087.1	10137.0	10149.7	10287.2
1976	10364.4	10467.1	10496.0	10765.7	10879.1	11024.9	11088.7	11244.5	11379.5	11529.6	11618.9	11620.4
1977	11656.2	11592.8	11633.2	11797.8	11931.0	12179.0	12302.9	12366.9	12503.2	12635.2	12768.1	12824.0
1978	12823.1A	13064.7	13265.4	13311.6	13543.9	13536.7	13513.5	13841.3	13971.8	14058.5	14117.1	14357.9
1979	14476.0	14651.4	14734.5	14936.9	14947.6	15089.1	15225.3	15413.4	15682.3	15891.3	16164.8	16431.1
1980	16694.9	16962.5	17135.5	17294.5	17515.6	17619.5	17832.6	17938.0	17774.7	17914.7	18082.6	18434.0
1981	18753.2	19022.0	19143.1									

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

MAJOR TRADING BANKS - LIQUID ASSETS AND  
AUSTRALIAN GOVERNMENT SECURITIES (A)

\$ MILLION

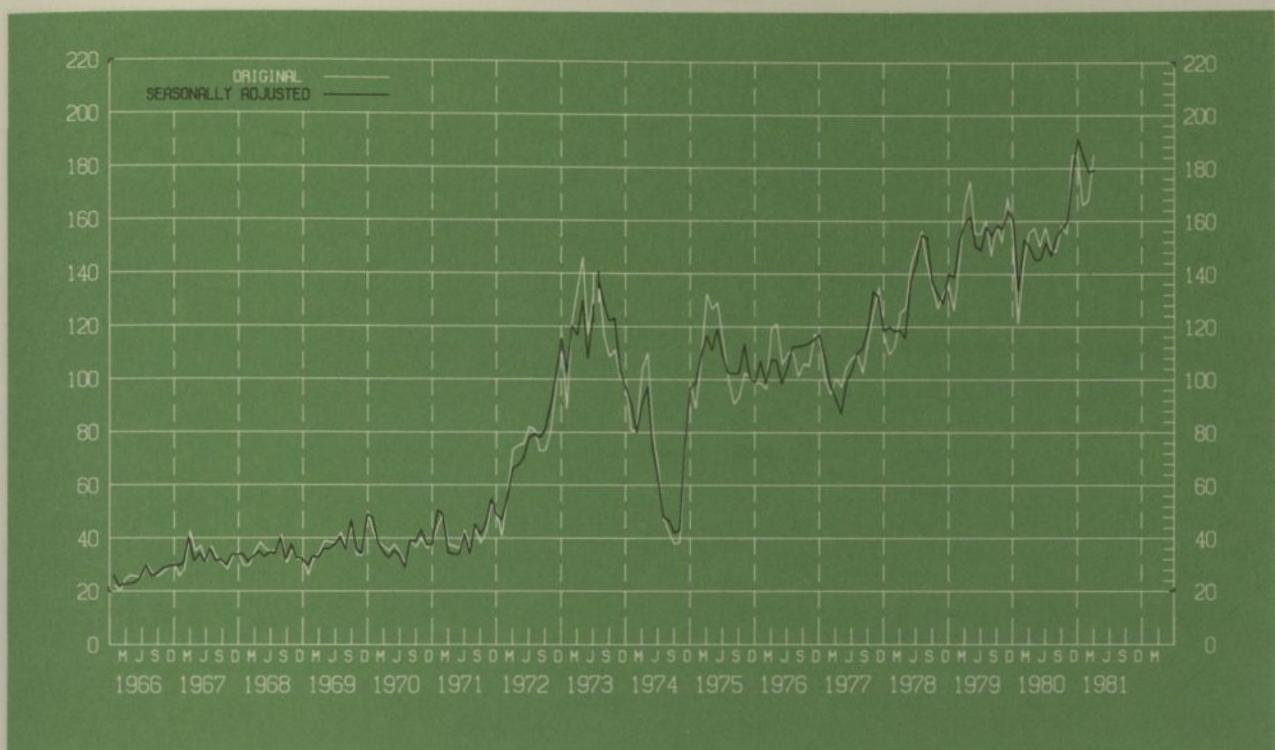


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966	1383.7	1593.8	1495.4	1316.7	1239.0	1207.7	1191.9	1234.7	1313.9	1352.2	1404.0	1442.1
1967	1609.5	1685.9	1660.0	1437.1	1316.5	1249.9	1237.7	1266.3	1334.5	1372.9	1428.2	1519.5
1968	1680.9	1715.8	1636.1	1444.5	1296.6	1247.3	1240.6	1249.7	1323.4	1369.9	1405.5	1440.2
1969	1675.4	1798.2	1787.1	1633.2	1503.4	1437.5	1372.4	1409.2	1448.8	1490.5	1538.2	1579.6
1970	1662.5	1743.6	1759.9	1592.9	1464.2	1355.8	1307.2	1324.7	1369.7	1416.4	1492.4	1569.2
1971	1703.2	1839.4	1833.4	1671.6	1536.7	1472.5	1436.0	1500.2	1620.2	1744.9	1845.9	2003.7
1972	2274.8	2436.2	2361.9	2257.9	2023.9	1831.4	1922.2	2180.1	2458.8	2759.4	2901.8	3032.8
1973	3383.2	3443.8	3137.7	2912.5	2591.1	2382.5	2423.3B	2472.6	2505.9	2621.5	2799.4	2999.4
1974	3185.7	3096.9	2964.4	2547.2	2380.8	2258.2	2278.4	2229.6	2289.9	2585.4	2806.6	2848.3
1975	3357.5	3707.0	4105.1	4251.1	3655.5	3587.1	3690.7	3795.5	3900.0	4061.6	4173.3	4321.3
1976	4421.4	4336.7	4377.0	4120.4	3811.3	3678.1	3904.2	4032.3	4170.7	4306.7	4399.2	4786.3
1977	5267.6	5588.9	5652.3	4932.8	3989.0	3701.7	3646.8	3587.0	3669.3	3779.7	3803.5	3960.0
1978	4354.0	4510.5	4610.7	4530.9	3909.4	3763.4	3765.0	3959.1	4189.0	4402.1	4589.0	4706.8
1979	5266.5	5575.5	5606.7	5131.4	4491.8	4186.8	4144.5	4169.6	4156.1	4406.3	4648.2	4802.0
1980	5670.6	5891.0	5691.7	5023.1	4283.1	4288.6	4393.0	4563.0	4745.7	5212.7	5344.4	5274.8
1981	5529.0	5739.7	5995.9									
SEASONALLY ADJUSTED												
1966	1225.1	1344.9	1292.0	1279.5	1318.2	1347.6	1361.7	1386.5	1411.6	1423.5	1424.5	1404.0
1967	1421.5	1420.7	1432.0	1392.3	1401.0	1396.8	1421.1	1425.6	1437.5	1442.8	1448.8	1475.8
1968	1484.5	1445.4	1409.2	1395.3	1378.2	1396.8	1431.6	1411.6	1429.7	1436.9	1423.4	1393.4
1969	1478.6	1515.4	1540.4	1571.6	1596.2	1615.5	1592.0	1598.0	1569.0	1557.5	1553.1	1522.9
1970	1465.4	1469.0	1521.7	1527.4	1554.3	1532.2	1521.0	1504.9	1487.7	1475.6	1500.5	1507.3
1971	1496.5	1552.3	1593.1	1597.0	1634.2	1674.2	1668.2	1705.7	1764.7	1809.9	1847.7	1923.0
1972	1994.0	2063.4	2060.1	2151.7	2159.1	2090.9	2220.2	2472.8	2682.7	2855.8	2899.7	2908.7
1973	2962.4	2937.8	2745.2	2765.1	2771.1	2725.1	2772.7B	2792.4	2734.1	2709.5	2803.8	2882.4
1974	2797.7	2659.9	2593.4	2409.0	2548.4	2580.9	2582.3	2501.7	2496.0	2679.1	2824.6	2743.0
1975	2963.4	3206.1	3580.8	4002.8	3907.2	4087.6	4152.1	4240.8	4245.5	4221.4	4223.4	4183.1
1976	3928.0	3758.7	3794.4	3863.9	4066.6	4176.6	4381.6	4494.4	4540.5	4497.0	4474.2	4653.9
1977	4696.7	4835.5	4868.7	4614.2	4248.2	4193.0	4097.6	3999.0	4001.4	3956.3	3882.6	3871.2
1978	3886.0	3880.1	3949.4	4234.5	4160.7	4260.2	4242.3	4417.7	4583.9	4617.3	4690.1	4614.7
1979	4691.3	4774.7	4784.2	4799.7	4782.2	4735.8	4681.1	4661.5	4563.0	4618.6	4750.0	4719.5
1980	5043.2	5032.6	4846.6	4698.3	4562.9	4848.0	4971.3	5106.5	5220.0	5461.9	5461.2	5190.5
1981	4913.4	4897.4	5100.3									

(A) AVERAGE OF WEEKLY FIGURES (REPORTED AS AT EACH WEDNESDAY) FOR THE MONTH.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

## MAJOR TRADING BANKS - NEW AND INCREASED LENDING COMMITMENTS (A)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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## ORIGINAL

1966	22.1	20.3	24.6	26.1	25.5	25.3	30.1	26.8	25.8	27.4	29.0	30.5
1967	25.7	28.4	42.6	35.2	37.1	31.1	36.9	32.6	30.7	28.4	33.5	34.5
1968	29.7	29.7	34.8	38.5	35.9	34.9	35.5	41.0	30.7	35.6	31.9	33.1
1969	26.2	32.3	34.3	38.8	38.5	38.1	42.0	36.4	44.6	33.5	33.4	50.0
1970	42.5	38.6	36.8	35.1	37.6	34.6	30.3	38.8	36.5	39.9	36.1	38.4
1971	44.2	49.2	37.4	37.0	36.0	42.9	35.6	43.8	38.1	41.8	52.7	50.2
1972	40.8	56.4	73.5	75.0	75.8	82.0	80.9	72.9	73.1	80.6	97.3	117.8
1973	89.1	121.6	134.0	146.1	117.1	132.2	137.1B	116.5	108.7	111.1	100.2	98.7
1974	80.8	80.6	103.9	110.0	80.3	66.4	47.3	42.3	37.8	38.4	75.0	97.8
1975	89.2	108.0	132.4	126.7	129.0	115.2	100.4	90.8	93.3	102.3	101.1	99.0
1976	98.5	96.5	119.4	121.0	105.7	109.8	110.7	101.2	106.0	105.2	117.2	116.0
1977	100.0	94.5	100.5	97.3	105.0	108.3	109.5	102.7	115.0	125.9	134.8	116.7
1978	109.6	112.8	125.4	127.1	143.2	149.8	156.1	144.0	135.3	127.1	132.7	136.6
1979	126.4	144.9	166.6	175.2	155.3	155.1	160.2	147.0	158.7	152.1	168.9	156.0
1980	121.3	143.9	155.5	157.4	150.4	157.6	149.6	148.3	158.2	155.1	184.8	184.7
1981	166.1	167.7	184.8									

## SEASONALLY ADJUSTED

1966	26.0	22.3	22.9	23.0	23.6	25.6	29.9	26.0	26.8	28.8	29.3	30.1
1967	29.9	30.7	40.4	31.6	34.4	31.2	36.1	31.7	32.0	30.1	33.9	34.0
1968	34.2	31.3	33.4	35.2	33.2	34.9	34.3	40.2	32.2	37.8	32.6	32.6
1969	29.9	33.3	32.9	36.2	36.0	37.7	40.6	36.0	46.6	35.6	34.4	49.1
1970	47.5	38.8	34.9	32.6	35.4	33.8	29.1	39.1	38.9	43.0	37.5	37.6
1971	50.5	48.9	34.7	34.0	33.9	41.6	34.5	45.0	41.6	45.4	55.0	49.0
1972	47.0	55.5	66.3	67.7	70.5	78.0	79.4	77.9	80.9	89.9	101.4	115.4
1973	102.6	120.1	116.7	129.6	107.9	124.7	137.4B	128.6	122.0	122.9	103.1	97.0
1974	91.0	79.9	91.1	97.0	74.0	62.7	47.9	46.9	42.0	42.9	76.0	96.7
1975	98.6	108.7	116.4	111.1	119.0	109.2	102.4	102.2	102.3	113.1	100.9	98.7
1976	106.9	98.4	107.4	107.2	98.4	104.4	112.3	112.4	113.0	113.6	115.2	116.9
1977	108.4	97.8	92.8	87.1	99.4	103.4	110.0	111.7	118.9	133.2	131.4	118.3
1978	119.8	118.1	118.6	115.5	137.3	143.8	154.6	153.6	136.6	132.2	128.4	139.8
1979	138.7	152.8	159.0	161.5	150.1	149.0	157.6	154.5	158.3	156.8	163.7	160.2
1980	133.9	152.7	150.1	145.3	145.1	151.7	146.7	153.8	157.1	159.4	178.4	190.8
1981	184.4	178.3	179.0									

(A) SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL LOANS APPROVED (A)  
 SAVINGS BANKS  
 NUMBER OF DWELLING UNITS



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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	ORIGINAL											
1966												
1967	3852	4256	4613	4548	5029	4657	4460	4479	4126	4241	4738	3732
1968	4877	4784	5097	4175	5695	4717	5423	4983	4450	4759	5321	4365
1969	5231	5048	5197	4902	4876	4837	5797	5020	5135	5304	5022	4514
1970	4715	5061	5016	5229	4825	4771	5879	6288	6186	5811	5670	5896
1971	4958	5273	6109	5314	5609	5811	5880	5770	6185	5607	5717	6201
1972	5528	5971	6957	6001	7494	6327	6479	7059	6710	7070	8763	6943
1973	8167	8979	9939	8585	10780	10335	9948	11349	9060	8962	6930	5091
1974	6771	6501	6480	6133	7101	5664	5584	4645	4744	7256	9097	10551
1975	11754	12115	11802	11553	10921	10209	10044	9072	9860	12205B	9618	10557
1976	9537	10931	12039	9558	10408	10644	8952	9228	10067	9278	9434	9285
1977	7539	8558	9549	7250	8404	9196	8429	9222	8129	8237	10333	7258
1978	8164	8631	9224	8235	9939	8206	8088	9343	9088	9351	10344	7887
1979	9757	9332	9556	8281	10841	9543	9227	10198	9537	10140	9336	7543
1980	10050	9474	9764	9493	9648	8320	8839	7863	7827	9180	8527	9352
1981	8677	9950										

SEASONALLY ADJUSTED

1966												
1967	4283	4384	4224	4802	4603	4808	4553	4145	4204	4313	4320	4189
1968	4870	4837	4934	4639	5119	4979	4970	4913	4600	4842	4821	4872
1969	5151	5170	5061	4881	4933	5018	5361	5162	5363	5049	5032	5126
1970	5214	5136	5133	4892	4853	4994	5352	6568	5812	5989	5719	5978
1971	5430	5312	5302	5803	5671	5463	6126	6053	5787	5773	5836	6151
1972	6091	5928	6074	6522	6780	6519	6815	6707	7025	7352	7936	7721
1973	8029	8937	9501	9438	9739	10791	10542	10606	9566	8369	6920	5731
1974	6646	6453	6168	6833	6274	5962	5347	4915	4974	6801	9130	11910
1975	11179	11888	11926	10907	10822	10638	9793	9676	10537	11205B	9674	10790
1976	10154	10467	10380	10491	10308	10032	9668	9918	9473	9540	9515	9394
1977	8039	8424	8257	8053	8285	8609	9116	8950	8456	8521	9297	8305
1978	8636	8472	8283	8725	8788	8534	8849	9112	9563	9637	9172	9004
1979	9225	9191	9190	9157	9568	10068	10061	9751	10087	9362	9161	8726
1980	9482	9096	9451	9535	9414	8749	8665	8428	8292	8324	8489	9738
1981	9032	9832										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL LOANS APPROVED (A)  
 TRADING BANKS (B)  
 NUMBER OF DWELLING UNITS



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							2677	3314	2883	2811	3676	2439
1967	2798	3224	3570	3222	3737	2995	3105	3733	3218	3078	3859	2255
1968	3475	3278	3275	2758	3443	3142	3621	2920	2876	3348	2825	2261
1969	3143	2727	2841	3534	3162	2815	3569	2680	2715	3189	2751	2740
1970	2658	2863	2620	3186	2398	2078	2646	2448	2748	2588	2650	2601
1971	2478	2762	3104	2505	2634	3054	2323	2715	3150	2797	2833	2862
1972	3088	4199	5015	4139	4850	4096	4143	5147	4301	4919	6555	4112
1973	6363	5826	6176	5226	8182	6659	6350	7427	5551	6766	5088	3865
1974	5564	5248	5409	4152	4025	2019	1916	1687	1634	2505	2312	2087
1975	3246	3362	3501	4699	4101	3268	3927	3083	3462	4145C	3571	3459
1976	3680	4238	4838	3355	3448	4081	3274	3649	4248	3857	3779	3493
1977	3058	3317	3450	2924	2810	3359	2785	3440	2795	2864	4051	2428
1978	2904	3517	3772	3036	3806	2965	3063	3689	3542	3450	4276	2809
1979	4397	3948	3817	3448	4273	3240	3365	4294	3427	4517	3466	2636
1980	3868	3773	3503	4176	3465	3250	4115	3819	3761	4402	3748	3490
1981	3500	3868										

SEASONALLY ADJUSTED

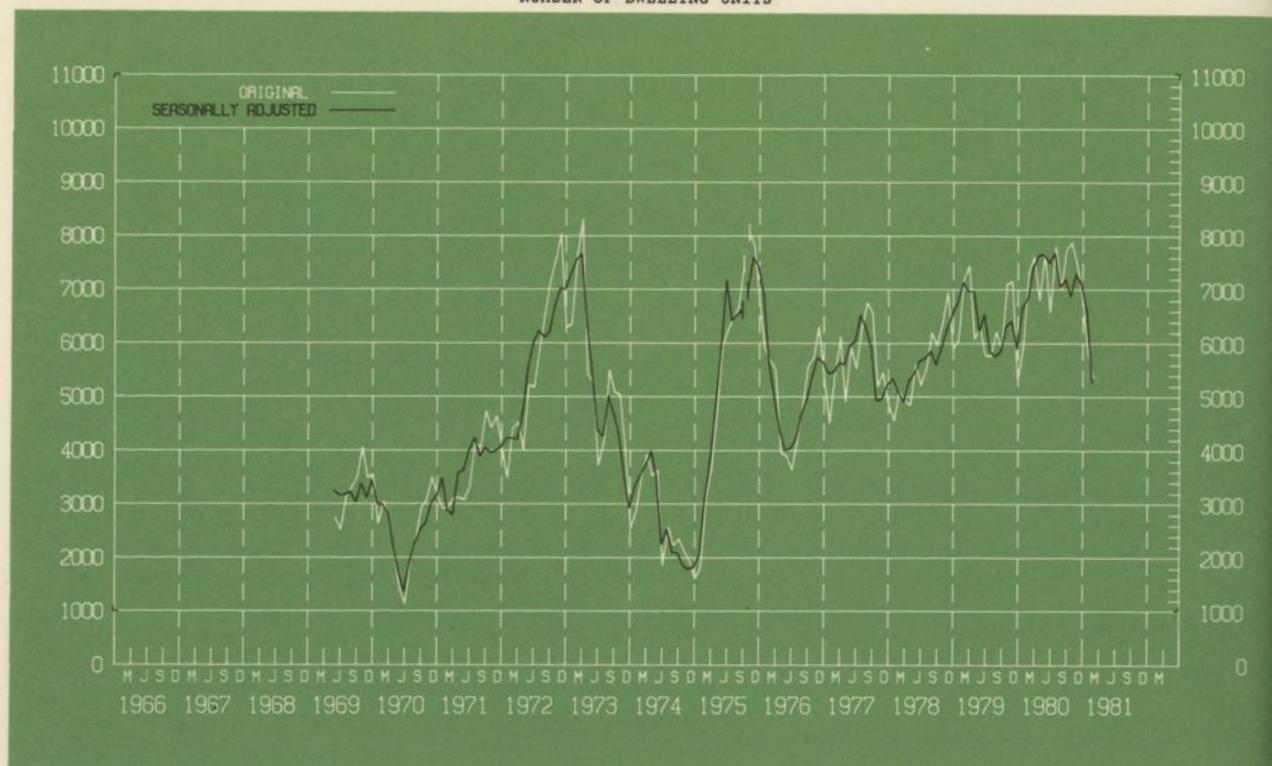
1966						2939	2942	3126	3091	3120	3257	
1967	3147	3141	3030	3234	3136	3318	3432	3308	3528	3371	3278	3021
1968	3131	3188	3251	2943	2888	3473	3214	3245	3180	2928	2997	3037
1969	2818	2631	2800	3006	3316	3109	3180	2999	3033	2786	2915	2948
1970	2971	2748	2732	2538	2511	2295	2367	2754	2476	2822	2806	2806
1971	2768	2643	2418	2652	2755	2706	2622	3064	2864	3047	2988	3086
1972	3434	3992	4003	4231	4056	4571	4722	4674	4924	5352	5510	5545
1973	5625	5489	5946	5522	6855	7475	7295	6771	6386	5858	5330	5202
1974	4914	4914	5214	4394	3389	2266	1758	1914	1863	2149	2413	2809
1975	2874	3134	3605	3749	4350	3693	3623	3532	3944	3550C	3718	3713
1976	4067	3940	3750	3580	3672	3702	3769	4174	3849	4118	3926	3746
1977	3388	3088	2680	3132	3001	3061	3207	3136	3125	3050	3356	3240
1978	3209	3260	3139	3061	3259	3410	3540	3360	3950	3667	3540	3729
1979	3885	3647	3749	3723	3675	3746	3888	3889	3800	3825	3585	3493
1980	3408	3495	3460	3617	3733	3767	3796	4301	4160	3725	3875	3691
1981	3852	3572										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.

(C) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL LOANS APPROVED (A)  
 PERMANENT BUILDING SOCIETIES  
 NUMBER OF DWELLING UNITS



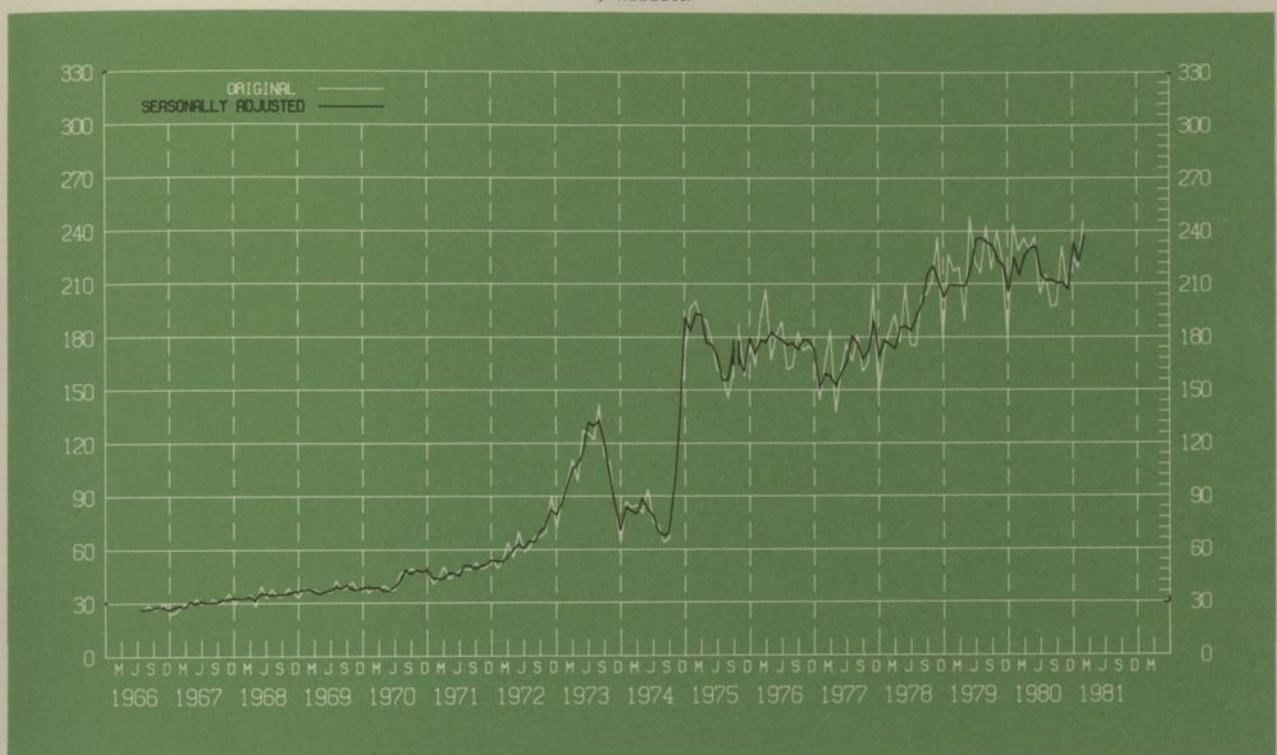
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					2733	2514	3129	3298	3492	4044	3486	3557
1970	2628	3042	2700	2077	1425	1129	1964	2326	2927	3081	3496	3162
1971	2913	2923	3102	3120	3080	3321	4150	4040	4731	4420	4640	4072
1972	3489	4408	4517	4015	5222	5180	5887	6532	7141	7555	8024	6295
1973	6349	7633	8309	5408	5275	3727	4142	5502	5082	5035	4015	2539
1974	2853	3534	3924	3527	3627	1857	2566	2232	2345	2115	1937	1611
1975	1801	3107	3684	4727	5950	6246	6458	6673	7481	8064B	7812	6831
1976	5906	5679	5490	3955	3902	3629	4203	4873	5579	5720	6293	5359
1977	4509	5442	6113	4910	5909	5524	6269	6753	6575	5195	5451	4847
1978	4567	5097	4930	4845	5596	5218	5513	6201	5963	6372	6957	5895
1979	6067	7184	7447	6083	6319	5782	5754	6203	5915	7110	7147	5318
1980	5957	7318	7607	6807	7669	6588	7817	7005	7746	7875	7448	6808
1981	5837	5365										

SEASONALLY ADJUSTED

1969	3007	2988	2812	2204	1714	1376	1921	2286	2528	2666	3032	3163
1970	3470	2880	2793	3583	3631	4007	4230	3888	4045	3949	3990	4082
1971	4230	4227	4210	4714	5560	6037	6218	6101	6205	6691	7003	6996
1972	7286	7547	7638	6314	5455	4368	4257	5002	4689	4312	3527	2923
1973	3333	3529	3729	3982	3529	2252	2526	2095	2092	1849	1778	1837
1974	2043	3093	3862	4854	5896	7157	6413	6527	6609	6958B	7586	7417
1975	6912	5650	4956	4353	3996	4027	4205	4676	4947	5372	5713	5622
1976	5418	5451	5615	5589	5940	6021	6506	6265	5889	4908	4945	5210
1977	5329	5084	4888	5295	5425	5659	5705	5835	5583	5895	6234	6522
1978	6745	7112	6944	6944	6198	6521	5829	5737	5830	6303	6391	5879
1979	6645	6813	7386	7616	7636	7481	7659	7034	7166	6855	7277	7062
1980	6597	5257										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
 (B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
SAVINGS BANKS  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966												
1967	24.6	27.3	29.8	29.3	32.4	29.8	29.3	28.7	26.3	27.3	30.4	23.6
1968	32.7	32.1	34.8	28.3	39.5	33.0	37.7	33.8	29.5	31.6	35.4	30.0
1969	38.2	36.6	37.6	35.6	35.9	35.8	42.6	37.3	33.9	38.2	36.0	33.1
1970	35.7	38.0	37.7	39.8	36.9	37.4	47.0	46.8	49.5	47.2	46.7	48.9
1971	40.7	43.6	50.2	43.3	46.1	48.1	49.1	48.7	52.7	49.1	50.1	55.5
1972	49.3	54.1	63.9	55.5	70.1	58.6	61.4	67.7	67.0	69.8	90.4	72.9
1973	88.2	97.3	110.6	98.9	127.1	125.4	122.0	141.6	112.7	109.2	84.3	63.8
1974	86.8	83.7	84.9	80.1	93.7	74.8	73.2	63.7	66.2	104.1	130.8	171.1
1975	196.2	200.1	190.2	189.1	177.3	161.4	158.8	145.3	161.4	182.4B	157.9	177.7
1976	163.8	189.6	207.0	167.3	181.7	188.8	161.7	163.3	182.9	172.4	174.8	172.9
1977	144.6	164.7	184.1	137.6	161.8	176.3	166.2	180.7	160.5	165.1	207.8	149.2
1978	172.0	182.9	192.8	177.0	209.9	175.6	175.1	203.1	204.4	212.1	236.2	179.2
1979	226.5	217.0	219.2	189.2	248.3	222.2	215.8	242.6	218.1	240.5	223.6	179.4
1980	243.4	228.7	235.5	229.7	236.5	203.7	215.0	196.9	197.8	231.2	207.1	225.5
1981	218.9	244.9										

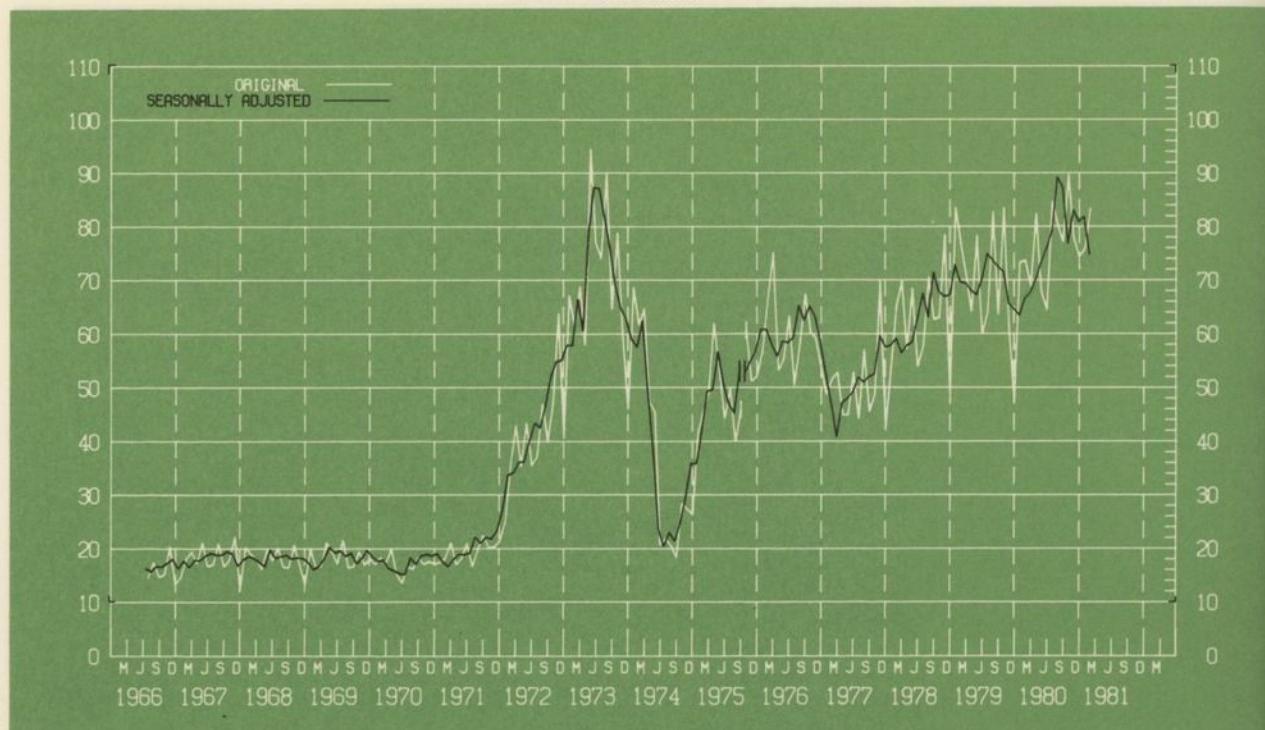
SEASONALLY ADJUSTED

1966												
1967	27.4	28.3	27.6	30.8	29.6	31.0	30.0	30.4	30.5	32.1	32.1	33.0
1968	32.7	32.6	33.8	31.4	35.5	35.2	34.5	34.7	34.9	35.2	36.4	36.6
1969	37.6	37.7	36.8	35.4	36.3	37.4	39.5	38.3	40.4	37.9	37.7	38.6
1970	39.3	38.6	38.9	36.9	37.1	39.4	42.9	48.7	46.5	48.8	47.5	48.9
1971	44.3	43.9	43.6	47.2	46.6	45.5	51.4	51.1	49.4	50.7	51.7	54.3
1972	53.9	53.4	56.0	59.9	63.4	60.7	65.0	64.5	70.3	73.0	82.9	80.0
1973	85.8	96.0	105.5	108.4	114.8	131.9	129.9	133.1	119.5	102.6	85.2	71.1
1974	84.1	82.1	80.4	89.1	82.8	79.4	70.5	67.9	69.8	98.4	133.0	191.2
1975	183.9	193.7	192.7	176.9	175.9	169.3	155.7	156.2	173.4	169.2B	160.8	180.0
1976	171.2	178.7	177.4	183.4	180.3	178.9	175.9	176.9	173.1	178.8	178.7	173.4
1977	151.4	159.7	158.2	152.8	159.9	166.1	181.0	176.9	168.0	172.2	189.6	169.3
1978	178.5	176.4	173.5	186.0	186.4	183.9	192.8	199.7	216.5	220.5	212.0	203.1
1979	210.0	210.0	209.6	209.4	220.1	236.3	236.4	234.0	232.0	223.7	221.2	206.4
1980	225.3	215.6	226.7	231.0	231.9	215.9	212.2	212.9	210.9	211.3	207.4	233.8
1981	223.5	237.6										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL VALUE OF LOANS APPROVED (A)  
 TRADING BANKS (B)  
 \$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966												
1967	14.6	18.1	19.4	17.2	21.0	16.6	17.0	20.9	16.6	17.7	22.1	12.2
1968	20.2	19.0	18.0	16.1	19.7	17.7	20.1	16.5	16.4	20.6	17.0	13.3
1969	19.9	16.6	16.6	21.1	19.3	17.1	21.6	16.4	16.6	19.4	16.9	18.1
1970	17.0	18.3	17.3	20.0	15.1	13.5	16.6	16.2	18.3	17.0	17.6	17.1
1971	17.4	18.2	21.1	16.9	18.1	20.9	16.6	19.6	22.4	20.1	20.2	21.3
1972	24.8	35.4	42.9	35.2	43.3	35.5	37.1	46.9	39.8	47.4	63.8	40.5
1973	67.1	61.5	68.8	58.0	94.5	76.9	74.1	90.0	64.6	78.8	60.3	46.0
1974	68.6	61.7	64.7	47.3	45.4	20.7	21.8	20.5	18.3	28.4	27.4	26.3
1975	41.4	45.5	49.0	62.0	53.7	44.3	49.9	39.9	45.9	60.7C	51.2	52.1
1976	56.4	66.2	75.1	53.2	55.3	63.3	50.4	58.0	67.4	60.3	59.1	53.7
1977	48.7	51.6	52.8	44.9	44.9	52.8	44.2	57.0	45.5	48.7	69.8	42.2
1978	53.4	65.1	69.7	57.2	68.4	53.9	57.5	70.5	62.7	63.1	78.4	49.2
1979	83.5	76.9	71.2	64.1	78.3	60.0	64.0	82.7	63.7	83.5	61.5	47.4
1980	73.3	73.7	69.0	82.4	67.8	64.5	84.6	80.4	77.1	89.6	77.8	74.4
1981	75.7	83.3										

SEASONALLY ADJUSTED

1966												
1967	16.0	17.5	16.3	17.6	17.5	18.4	18.9	18.6	18.6	19.2	18.8	16.5
1968	17.7	18.3	18.0	17.2	16.4	19.6	18.0	18.3	18.6	17.9	18.1	18.0
1969	17.3	15.9	16.5	17.9	20.1	19.0	19.4	18.4	19.0	17.0	18.0	19.5
1970	18.3	17.4	17.7	16.1	15.7	15.1	15.0	18.2	16.9	18.5	18.8	18.5
1971	18.9	17.3	16.5	17.8	18.8	18.7	19.0	22.0	20.8	21.9	21.6	23.1
1972	26.7	33.5	33.9	35.9	35.9	39.9	43.2	42.3	46.4	51.8	54.6	54.9
1973	57.7	57.6	66.2	60.3	78.4	87.1	86.9	81.4	75.7	68.7	64.5	62.5
1974	58.8	57.3	62.2	49.1	37.9	23.5	20.3	22.9	21.3	24.6	29.3	35.8
1975	35.7	41.9	49.2	49.5	56.5	50.7	46.9	45.1	53.3	52.5C	54.7	56.7
1976	60.7	60.6	57.9	55.6	58.5	58.2	59.1	65.1	62.3	65.0	63.1	58.6
1977	52.7	47.1	40.7	47.1	47.8	48.9	51.8	50.8	51.9	52.4	59.5	57.4
1978	57.7	59.0	56.3	57.7	58.3	62.8	67.4	63.0	71.3	67.7	66.8	67.0
1979	72.7	69.5	69.3	67.9	67.1	70.1	74.7	73.5	72.3	71.4	65.5	64.5
1980	63.3	66.5	67.5	69.9	73.0	75.7	78.8	89.0	87.1	76.6	82.9	80.7
1981	81.7	74.7										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.

(C) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
 TOTAL VALUE OF LOANS APPROVED (A)  
 PERMANENT BUILDING SOCIETIES  
 \$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					28.3	25.4	32.3	35.8	36.4	44.3	39.4	39.4
1970	28.2	33.3	29.8	23.2	14.9	11.5	21.6	26.3	33.7	36.0	42.6	39.4
1971	34.1	34.9	37.6	37.6	36.4	41.1	50.3	50.2	57.6	53.7	57.1	52.5
1972	43.9	55.7	58.3	53.0	69.1	70.3	79.6	92.9	106.1	108.3	117.3	93.9
1973	95.3	113.6	128.9	78.4	77.7	54.2	63.4	88.1	82.6	84.5	66.8	42.7
1974	46.7	59.7	66.7	59.2	64.7	31.0	44.5	38.3	41.9	36.8	33.4	28.3
1975	32.2	57.5	67.6	91.1	113.3	122.5	127.3	134.8	152.3	171.7B	168.3	150.0
1976	133.2	127.1	122.6	88.9	90.8	82.2	95.5	110.5	128.4	133.6	150.2	131.7
1977	111.3	134.3	150.1	121.9	148.8	138.2	156.0	174.1	166.4	134.2	144.4	127.0
1978	120.6	133.9	132.0	126.8	147.3	137.4	146.0	166.7	161.0	174.1	191.4	161.9
1979	169.6	200.9	212.0	171.1	178.9	162.7	161.5	174.6	169.1	203.0	209.1	158.6
1980	178.9	221.3	235.3	210.1	239.4	205.0	247.8	227.4	247.4	257.4	244.3	224.8
1981	192.6	177.3										

## SEASONALLY ADJUSTED

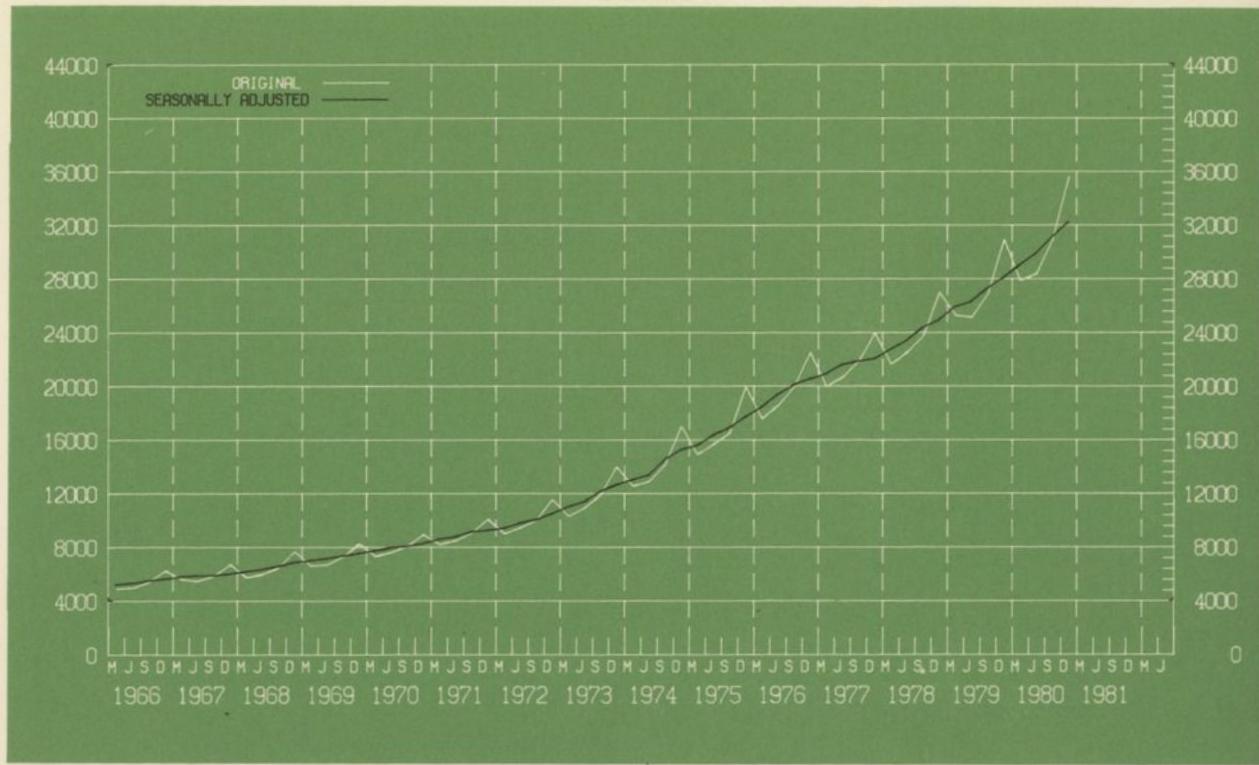
1969					34.4	32.5	33.2	34.4	31.4	36.3	34.6	36.6
1970	32.3	32.8	32.9	24.5	18.3	14.2	21.4	25.4	28.9	30.6	36.5	38.0
1971	40.7	34.5	35.4	43.3	43.8	50.2	52.2	47.2	49.0	47.4	48.4	51.0
1972	53.2	53.6	56.7	62.0	75.0	83.0	85.6	84.6	91.9	95.0	101.1	101.8
1973	108.9	112.3	121.3	91.9	81.6	64.2	66.3	78.2	76.4	71.7	58.1	48.4
1974	54.2	59.5	64.5	67.0	63.4	38.2	44.6	35.1	37.7	31.9	30.4	32.0
1975	36.2	56.9	72.1	92.9	112.2	142.7	128.2	130.3	136.8	146.9B	162.2	161.7
1976	154.3	125.5	111.1	98.1	93.0	92.6	96.6	105.2	116.1	124.7	135.3	137.3
1977	132.2	133.6	137.6	139.1	149.4	152.8	163.0	161.1	151.7	126.7	130.1	135.5
1978	139.0	132.6	131.0	137.8	142.7	150.9	152.4	156.9	153.1	161.6	170.2	177.9
1979	186.2	197.8	195.4	196.2	175.7	185.4	164.9	161.5	169.6	180.6	185.3	174.3
1980	197.4	204.9	225.2	235.8	238.8	235.6	245.2	228.4	233.1	225.2	236.3	231.9
1981	215.3	172.6										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.

GROSS DOMESTIC PRODUCT  
AT CURRENT PRICES

\$ MILLION



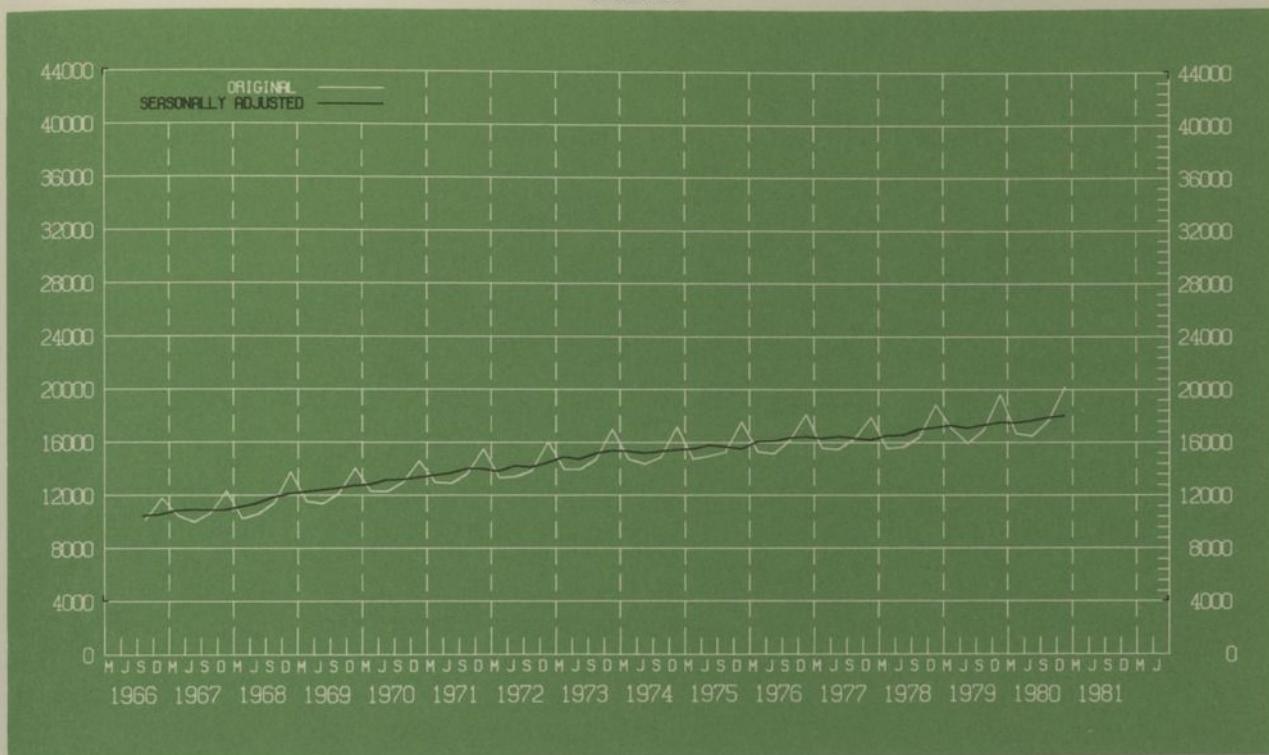
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	4900	4979	5418	6258
1967	5598	5502	5831	6712
1968	5764	5990	6475	7671
1969	6616	6701	7281	8247
1970	7328	7600	8056	8915
1971	8194	8485	9067	10089
1972	8998	9430	10008	11510
1973	10303	10924	11890	13962
1974	12543	12908	14136	16985
1975	14892	15656	16495	19900
1976	17560	18537	19930	22478
1977	19956	20684	21840	23942
1978	21619	22546	23722	26966
1979	25266	25127	26874	30900
1980	27860	28403	30924	35556

**SEASONALLY ADJUSTED**

1966	5188	5294	5476	5610
1967	5774	5887	5882	5994
1968	6155	6324	6547	6842
1969	6976	7145	7311	7523
1970	7690	7934	8041	8233
1971	8581	8766	9131	9235
1972	9396	9775	10035	10471
1973	10999	11375	12160	12635
1974	13027	13365	14526	15261
1975	15588	16344	16891	17692
1976	18439	19366	20106	20523
1977	20909	21590	21829	22022
1978	22695	23387	24318	24866
1979	25861	26269	27234	28031
1980	29004	29861	31062	32162

GROSS DOMESTIC PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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ORIGINAL

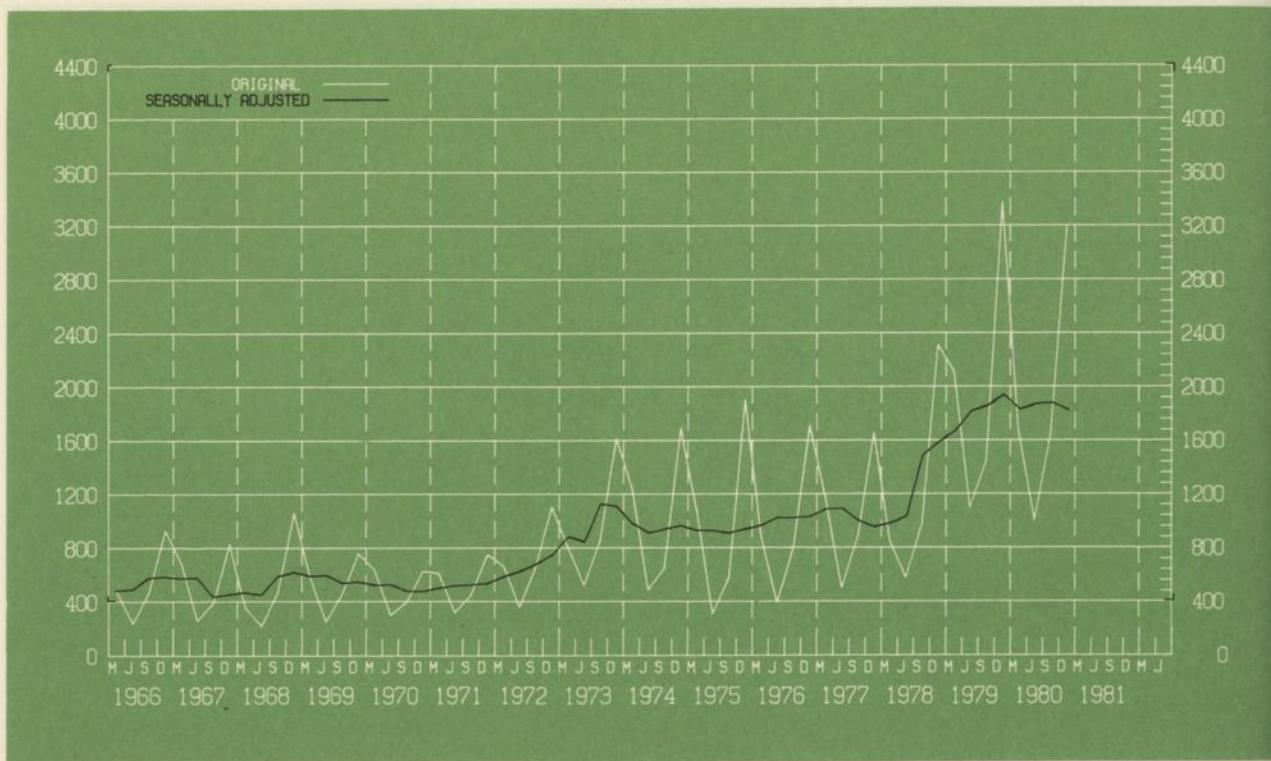
1966			10134	11772
1967	10461	10009	10646	12342
1968	10263	10627	11467	13766
1969	11542	11354	12182	14066
1970	12308	12285	12982	14584
1971	12964	12892	13642	15481
1972	13310	13395	13864	16014
1973	13948	13938	14706	16966
1974	14713	14349	14886	17132
1975	14714	14937	15238	17525
1976	15257	15128	16143	18092
1977	15545	15430	16278	17879
1978	15525	15618	16375	18823
1979	17014	15891	16938	19610
1980	16652	16451	17647	20165

SEASONALLY ADJUSTED

1966			10364	10460
1967	10732	10812	10795	10792
1968	11030	11307	11731	12021
1969	12165	12290	12430	12649
1970	12714	13064	13094	13264
1971	13415	13572	13914	13918
1972	13737	14146	14033	14383
1973	14828	14638	15072	15288
1974	15235	15100	15224	15367
1975	15395	15729	15581	15441
1976	16008	16039	16265	16368
1977	16228	16380	16235	16124
1978	16430	16489	16914	17066
1979	17217	17013	17233	17430
1980	17416	17578	17828	17964

GROSS FARM PRODUCT  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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	ORIGINAL			
1966	474	234	463	925
1967	681	256	385	821
1968	350	213	469	1058
1969	580	248	453	754
1970	633	296	396	624
1971	608	315	449	747
1972	664	356	658	1102
1973	804	520	856	1613
1974	1242	488	648	1692
1975	1082	305	579	1902
1976	892	394	805	1709
1977	1179	499	877	1656
1978	847	574	979	2307
1979	2107	1095	1443	3374
1980	1668	1002	1647	3188

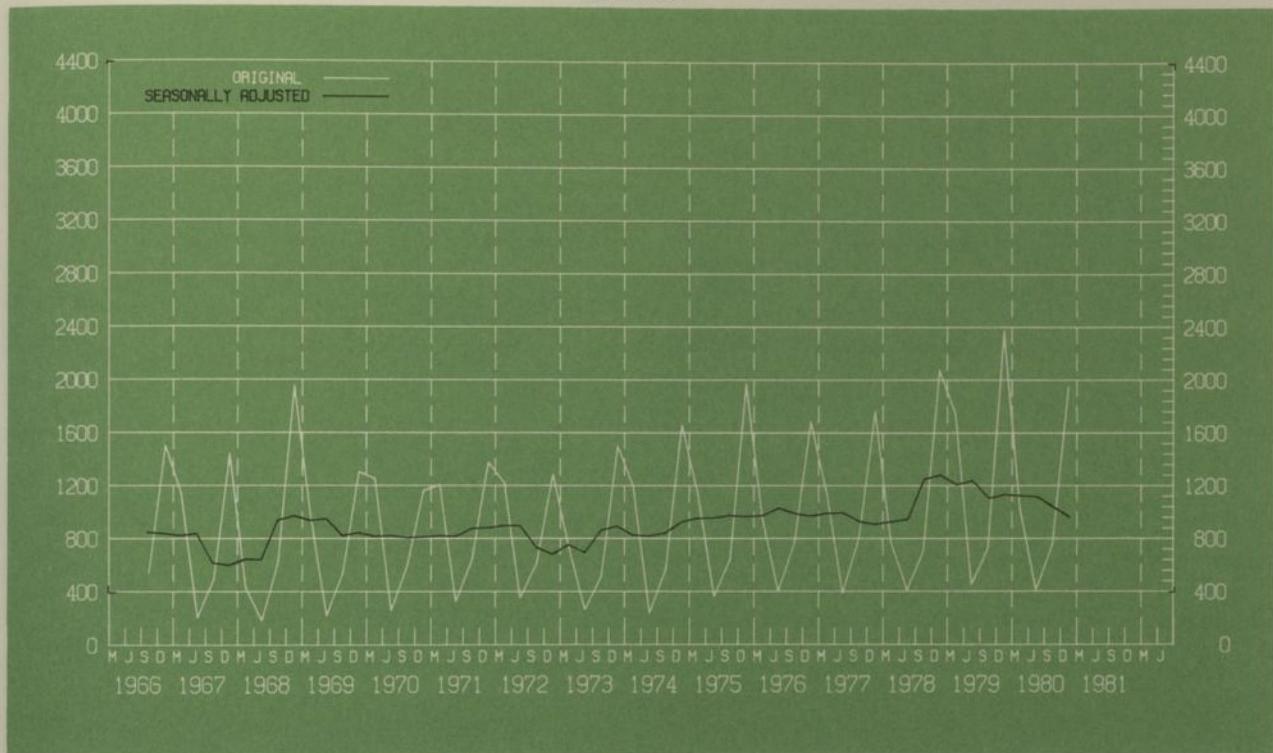
## SEASONALLY ADJUSTED

1966	475	484	567	580
1967	566	574	430	446
1968	462	443	580	611
1969	581	590	529	539
1970	516	518	470	467
1971	494	512	518	528
1972	579	618	672	738
1973	873	834	1118	1100
1974	972	901	929	956
1975	920	918	899	929
1976	958	1015	1013	1023
1977	1077	1083	990	946
1978	973	1029	1481	1580
1979	1662	1807	1848	1929
1980	1820	1861	1870	1813

## GROSS FARM PRODUCT

AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
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## ORIGINAL

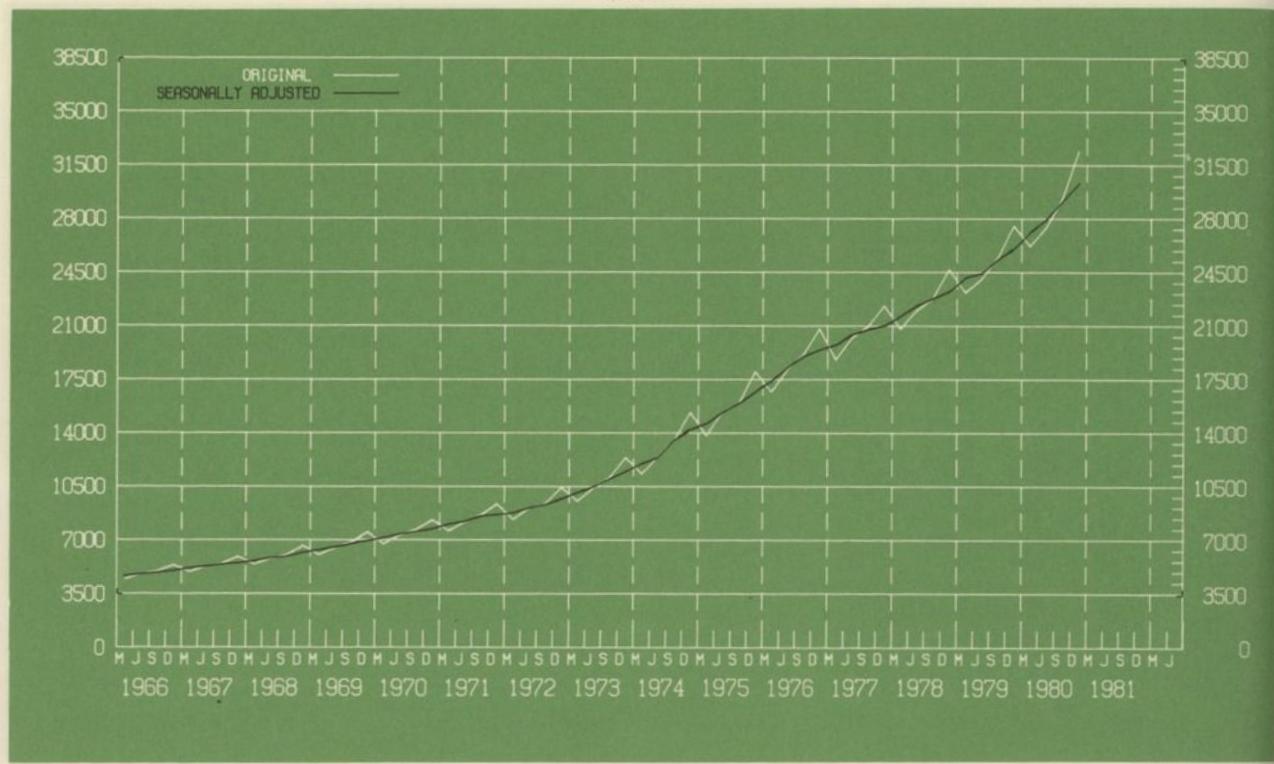
1966			535	1502
1967	1138	203	488	1439
1968	428	179	627	1951
1969	996	217	539	1303
1970	1250	256	597	1161
1971	1206	322	637	1374
1972	1220	350	612	1286
1973	740	261	518	1497
1974	1192	236	570	1657
1975	1139	361	646	1968
1976	953	401	768	1683
1977	1145	383	802	1760
1978	768	409	708	2072
1979	1746	454	725	2374
1980	1024	411	752	1947

## SEASONALLY ADJUSTED

1966			856	845
1967	830	846	623	606
1968	651	650	946	978
1969	942	954	827	850
1970	822	827	812	818
1971	828	822	884	889
1972	905	905	741	689
1973	762	701	869	900
1974	833	825	849	934
1975	961	964	981	975
1976	980	1038	996	975
1977	998	1000	934	914
1978	934	952	1257	1286
1979	1214	1243	1112	1140
1980	1132	1121	1043	968

GROSS NON-FARM PRODUCT  
AT CURRENT PRICES

\$ MILLION



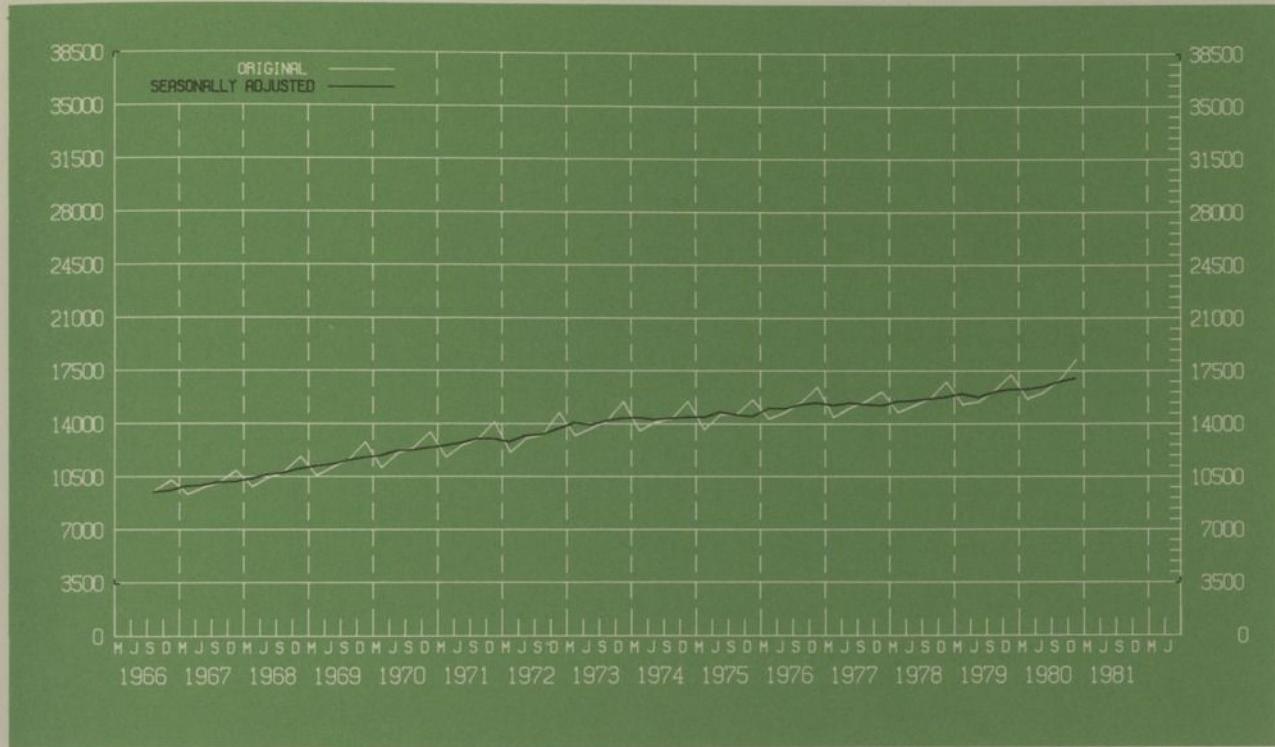
YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
				ORIGINAL								
1966		4426		4745			4955			5333		
1967		4917		5246			5446			5891		
1968		5414		5777			6006			6613		
1969		6036		6453			6828			7493		
1970		6695		7304			7660			8291		
1971		7586		8170			8618			9342		
1972		8334		9074			9350			10408		
1973		9499		10404			11034			12349		
1974		11301		12420			13488			15293		
1975		13810		15351			15916			17998		
1976		16668		18143			19125			20769		
1977		18777		20185			20963			22286		
1978		20772		21972			22743			24659		
1979		23159		24032			25431			27526		
1980		26192		27401			29277			32370		

## SEASONALLY ADJUSTED

1966	4713	4810	4909	5030
1967	5208	5313	5452	5548
1968	5693	5881	5967	6231
1969	6395	6555	6782	6984
1970	7174	7416	7571	7766
1971	8087	8254	8613	8707
1972	8817	9157	9363	9733
1973	10126	10541	11042	11535
1974	12055	12464	13597	14305
1975	14668	15426	15992	16763
1976	17481	18351	19093	19500
1977	19832	20507	20839	21076
1978	21722	22358	22837	23286
1979	24199	24462	25386	26102
1980	27184	28000	29192	30349

GROSS NON-FARM PRODUCT  
AT AVERAGE 1974-75 PRICES

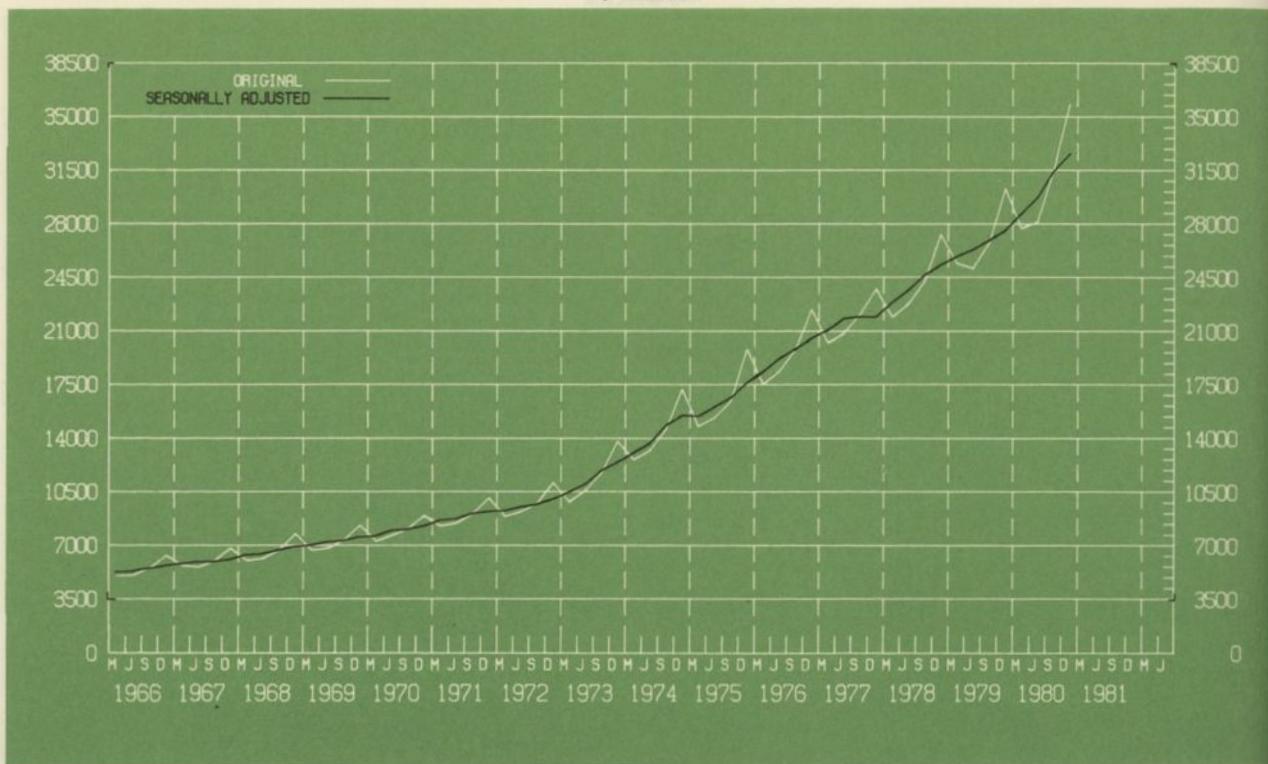
\$ MILLION



YEAR	MAR. QTR		JUN. QTR		SEP. QTR		DEC. QTR	
	ORIGINAL	SEASONALLY ADJUSTED						
1966					9599		10270	
1967	9323		9806		10158		10903	
1968	9835		10448		10840		11815	
1969	10546		11137		11643		12763	
1970	11058		12029		12385		13423	
1971	11758		12570		13005		14107	
1972	12090		13045		13252		14728	
1973	13208		13677		14188		15469	
1974	13521		14113		14316		15475	
1975	13575		14576		14592		15557	
1976	14304		14727		15375		16409	
1977	14400		15047		15476		16119	
1978	14757		15209		15667		16751	
1979	15268		15437		16213		17236	
1980	15628		16040		16895		18218	
SEASONALLY ADJUSTED								
1966					9508		9615	
1967	9902		9966		10172		10186	
1968	10379		10657		10785		11043	
1969	11223		11336		11603		11799	
1970	11892		12237		12282		12446	
1971	12587		12750		13030		13029	
1972	12832		13241		13292		13694	
1973	14066		13937		14203		14388	
1974	14402		14275		14375		14433	
1975	14434		14765		14600		14466	
1976	15028		15001		15269		15393	
1977	15230		15380		15301		15210	
1978	15496		15537		15657		15780	
1979	16003		15770		16121		16290	
1980	16284		16457		16785		16996	

GROSS NATIONAL EXPENDITURE  
AT CURRENT PRICES

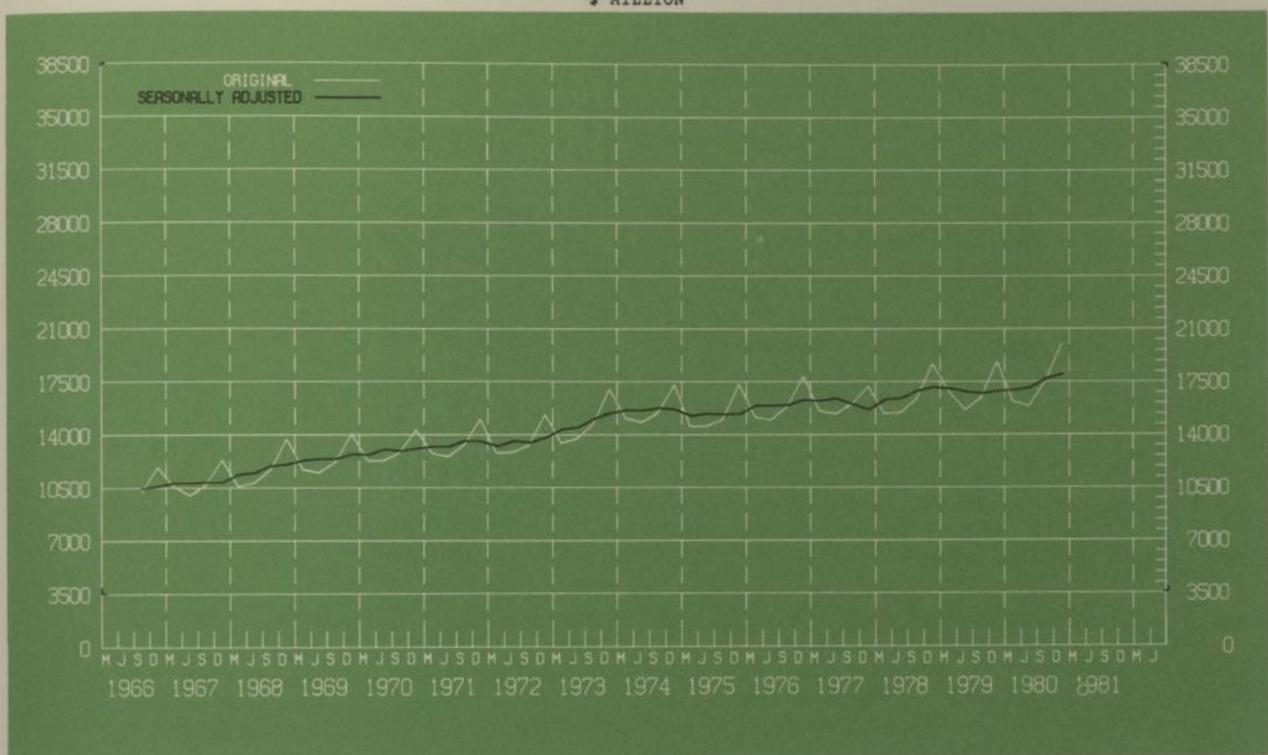
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	4983	5018	5498	6292
1967	5666	5547	5971	6782
1968	6005	6124	6677	7732
1969	6672	6773	7311	8272
1970	7271	7623	8082	8927
1971	8244	8457	9061	10083
1972	8889	9190	9717	11080
1973	9813	10569	11693	13753
1974	12565	13178	14563	17161
1975	14755	15319	16354	19792
1976	17508	18356	19760	22394
1977	20188	20847	22075	23725
1978	21917	22752	24198	27258
1979	25395	25068	26706	30252
1980	27665	28095	31474	35757
SEASONALLY ADJUSTED				
1966	5278	5339	5504	5681
1967	5846	5942	5976	6098
1968	6402	6464	6709	6930
1969	7037	7220	7311	7568
1970	7638	7961	8042	8259
1971	8638	8746	9098	9241
1972	9296	9536	9720	10058
1973	10511	11037	11911	12454
1974	13055	13682	14850	15489
1975	15435	16050	16656	17664
1976	18354	19238	19819	20549
1977	21069	21831	21941	21935
1978	22905	23670	24660	25317
1979	25877	26328	26916	27570
1980	28658	29699	31440	32547

GROSS NATIONAL EXPENDITURE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



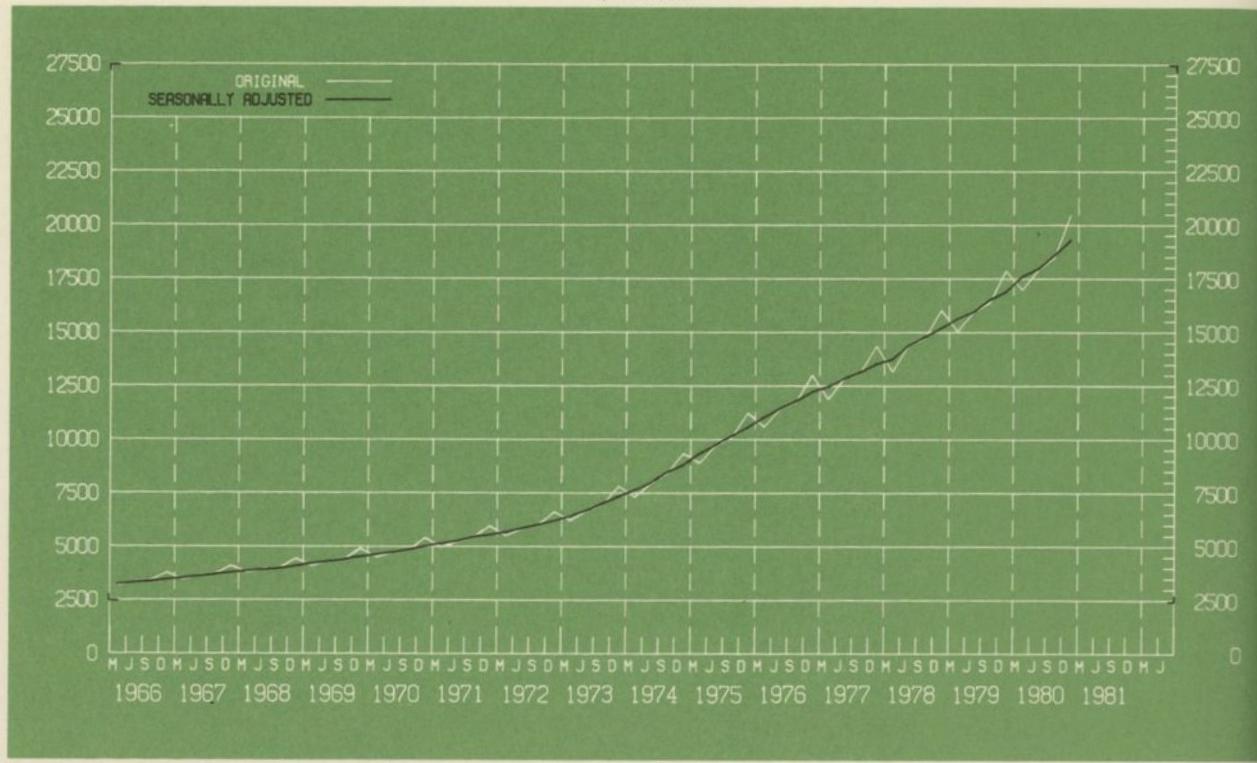
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			

1966		10546	10008	10227	11835
1967		10593	10825	10729	12334
1968		11665	11480	11700	13703
1969		12247	12247	12176	14036
1970		12747	12535	12832	14285
1971		12767	12808	13334	14989
1972		13430	13731	13276	15313
1973		15061	14787	14678	16971
1974		14521	14543	15446	17288
1975		15146	14955	14976	17306
1976		15359	15352	15830	17830
1977		15391	15438	16030	17184
1978		16851	15630	16344	18681
1979		16184	15895	16435	18832
1980				17532	19988

SEASONALLY ADJUSTED					
1966		10797	10793	10425	10584
1967		11349	11487	10846	10854
1968		12278	12391	11930	12031
1969		12644	12997	12386	12692
1970		13183	13186	12906	13047
1971		13176	13524	13569	13508
1972		14291	14414	13416	13760
1973		15580	15544	14990	15369
1974		15175	15324	15704	15605
1975		15851	15860	15271	15316
1976		16156	16308	15894	16224
1977		16228	16309	15930	15560
1978		16982	16758	16814	17063
1979		16862	17030	16662	16806
1980				17641	17920

FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT CURRENT PRICES

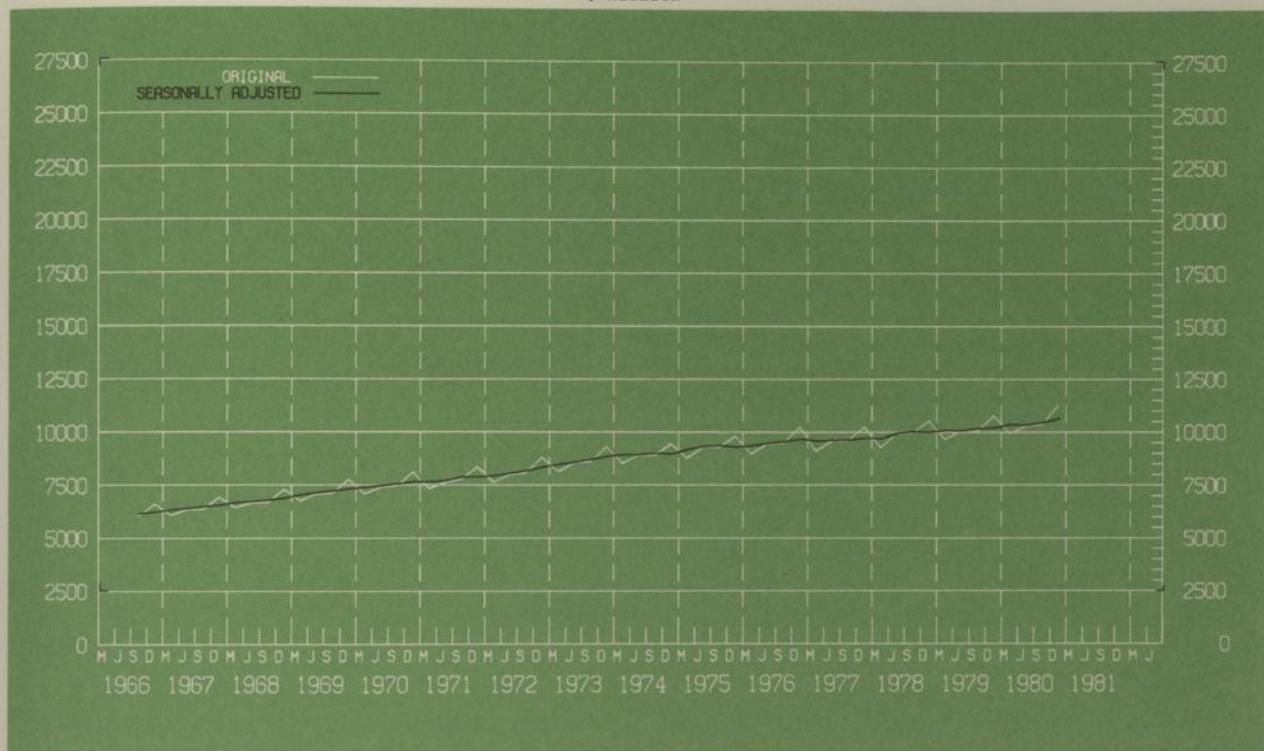
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	3152	3337	3395	3739
1967	3436	3622	3705	4071
1968	3773	3935	3975	4407
1969	4088	4301	4386	4876
1970	4487	4723	4831	5386
1971	4955	5230	5431	5939
1972	5493	5817	5990	6591
1973	6183	6666	6951	7796
1974	7305	7951	8429	9337
1975	8890	9723	10096	11221
1976	10572	11423	11749	12991
1977	11877	12820	13114	14320
1978	13156	14375	14700	16015
1979	15033	15919	16370	17865
1980	16975	17925	18484	20435
SEASONALLY ADJUSTED				
1966	3306	3365	3429	3511
1967	3584	3659	3753	3833
1968	3907	3976	4027	4136
1969	4262	4348	4442	4575
1970	4681	4776	4883	5055
1971	5173	5288	5479	5571
1972	5705	5876	6042	6229
1973	6440	6718	7026	7362
1974	7660	8004	8493	8818
1975	9332	9767	10172	10591
1976	11038	11473	11827	12255
1977	12494	12870	13175	13555
1978	13785	14426	14809	15228
1979	15671	15984	16561	16939
1980	17662	18015	18649	19333

FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

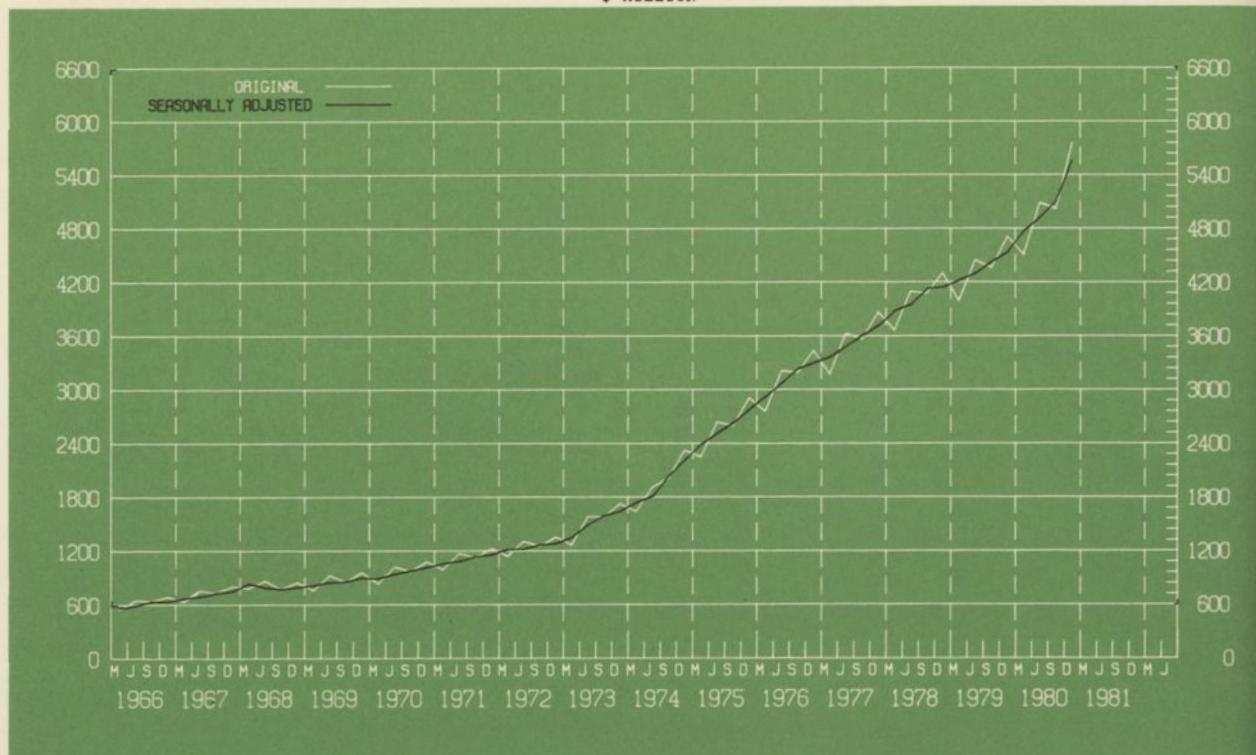
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YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
	ORIGINAL			SEASONALLY ADJUSTED			ORIGINAL			SEASONALLY ADJUSTED		
1966												6588
1967		6066			6338			6028				6917
1968		6431			6657			6353				7291
1969		6739			7063			6661				7761
1970		7079			7402			7099				8114
1971		7325			7636			7446				8356
1972		7642			7993			7786				8789
1973		8124			8546			8064				9306
1974		8512			8897			8582				9428
1975		8753			9292			8906				9797
1976		8961			9436			9268				10225
1977		9092			9565			9486				10239
1978		9251			9916			9583				10513
1979		9656			10023			9932				10773
1980		9932			10275			10040				11259
			SEASONALLY ADJUSTED									
1966												6205
1967		6300			6378			6121				6530
1968		6645			6702			6457				6865
1969		7010			7111			6762				7305
1970		7375			7451			7201				7636
1971		7643			7684			7538				7859
1972		7928			8034			7868				8326
1973		8450			8568			8155				8826
1974		8908			8917			8685				8944
1975		9171			9309			8983				9274
1976		9346			9458			9347				9658
1977		9561			9594			9555				9697
1978		9689			9950			9628				10000
1979		10072			10061			10007				10201
1980		10344			10323			10160				10639

FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT CURRENT PRICES

\$ MILLION



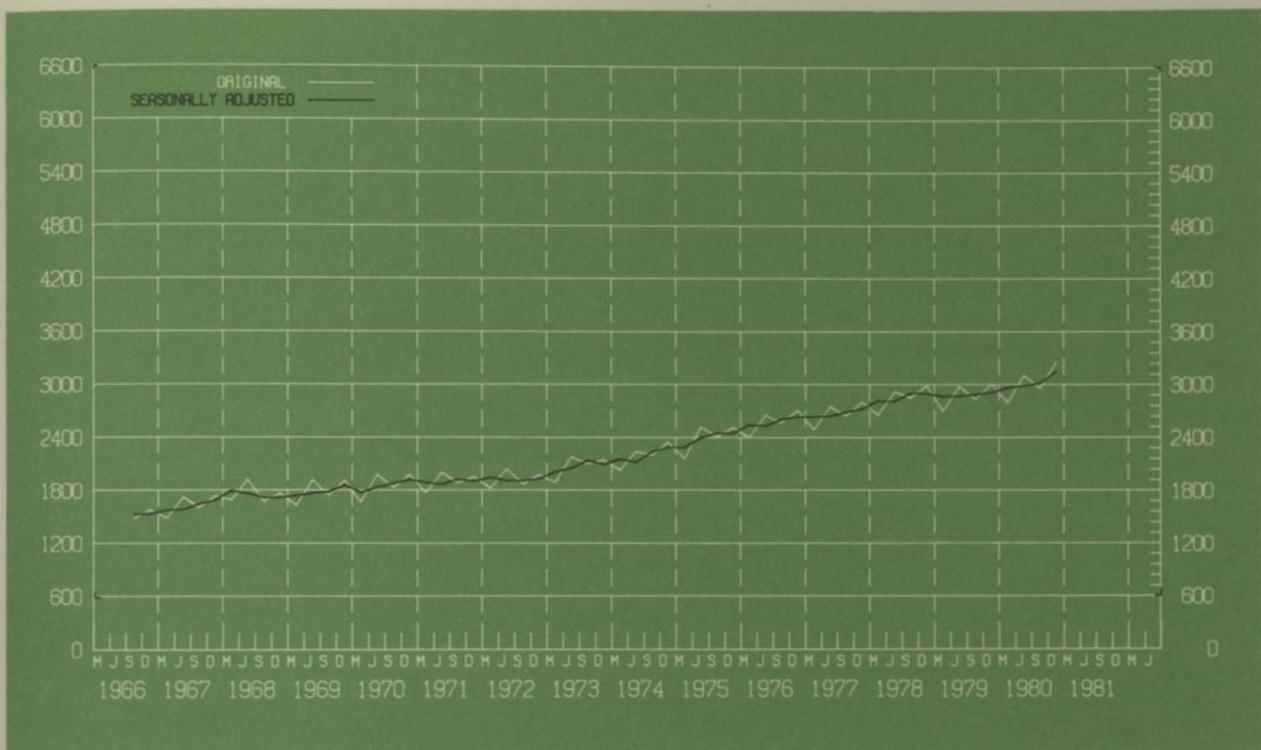
YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
				ORIGINAL								
1966		539		646			639			683		
1967		633		754			729			801		
1968		781		864			769			845		
1969		760		925			849			957		
1970		834		1019			967			1077		
1971		988		1169			1121			1222		
1972		1136		1304			1248			1350		
1973		1264		1582			1571			1723		
1974		1636		1908			2008			2320		
1975		2243		2634			2593			2905		
1976		2750		3207			3186			3435		
1977		3169		3618			3558			3860		
1978		3660		4091			4071			4298		
1979		3988		4444			4360			4705		
1980		4502		5082			5017			5753		

## SEASONALLY ADJUSTED

1966	586	605	658	653
1967	691	707	748	769
1968	851	810	789	809
1969	832	867	872	918
1970	908	957	992	1033
1971	1074	1100	1148	1173
1972	1231	1232	1278	1297
1973	1363	1505	1602	1657
1974	1755	1823	2050	2230
1975	2399	2526	2641	2792
1976	2935	3083	3242	3306
1977	3372	3490	3613	3719
1978	3884	3953	4132	4145
1979	4225	4299	4429	4534
1980	4767	4914	5097	5551

FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



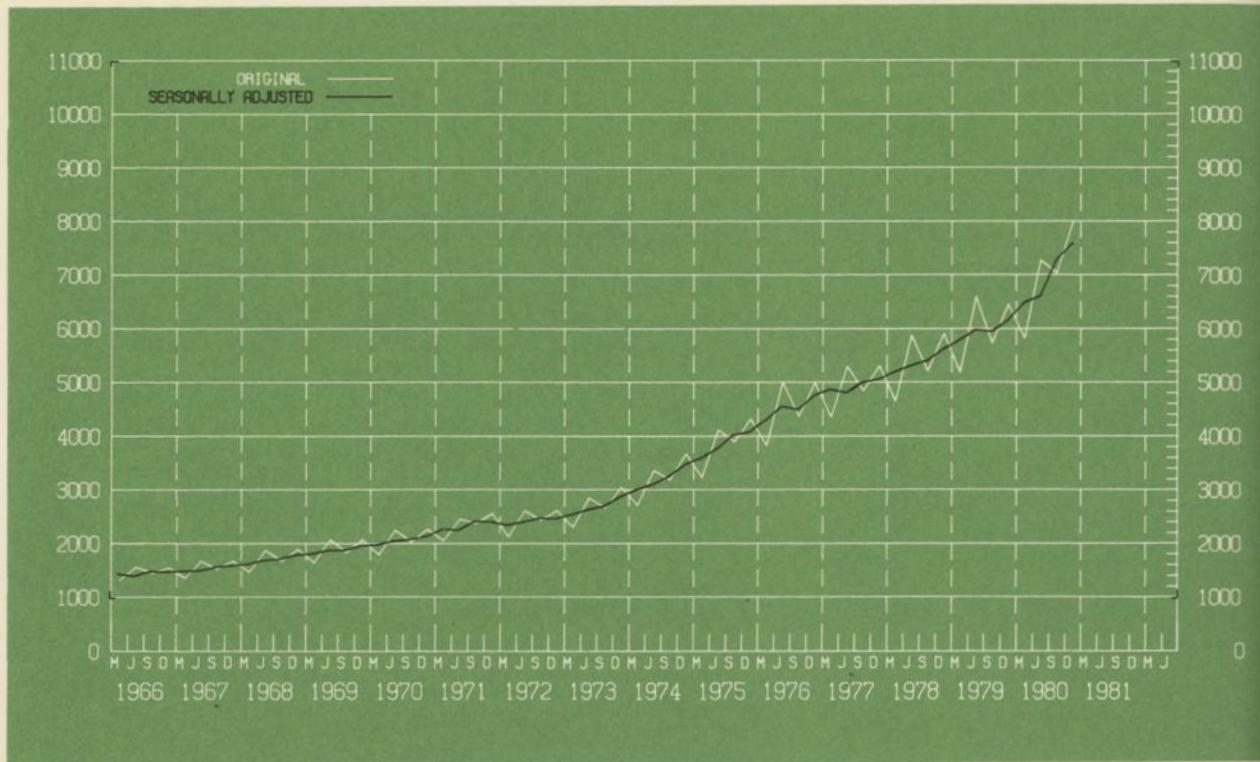
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			1479	1574
1967	1479	1720	1598	1735
1968	1685	1919	1670	1765
1969	1624	1914	1735	1909
1970	1659	1974	1829	1973
1971	1769	2002	1881	1951
1972	1822	2039	1867	1974
1973	1886	2175	2096	2140
1974	2026	2234	2196	2340
1975	2153	2515	2403	2512
1976	2390	2646	2561	2703
1977	2480	2748	2640	2798
1978	2651	2916	2848	2984
1979	2696	2975	2828	3004
1980	2791	3100	2948	3246

## SEASONALLY ADJUSTED

1966			1535	1540
1967	1585	1590	1654	1699
1968	1806	1777	1726	1724
1969	1745	1777	1790	1865
1970	1781	1838	1883	1926
1971	1897	1872	1930	1905
1972	1951	1914	1911	1930
1973	2013	2052	2138	2091
1974	2154	2118	2238	2286
1975	2287	2395	2444	2446
1976	2538	2527	2602	2629
1977	2629	2635	2682	2715
1978	2809	2801	2896	2891
1979	2855	2860	2881	2902
1980	2959	2980	3005	3137

GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT CURRENT PRICES

\$ MILLION



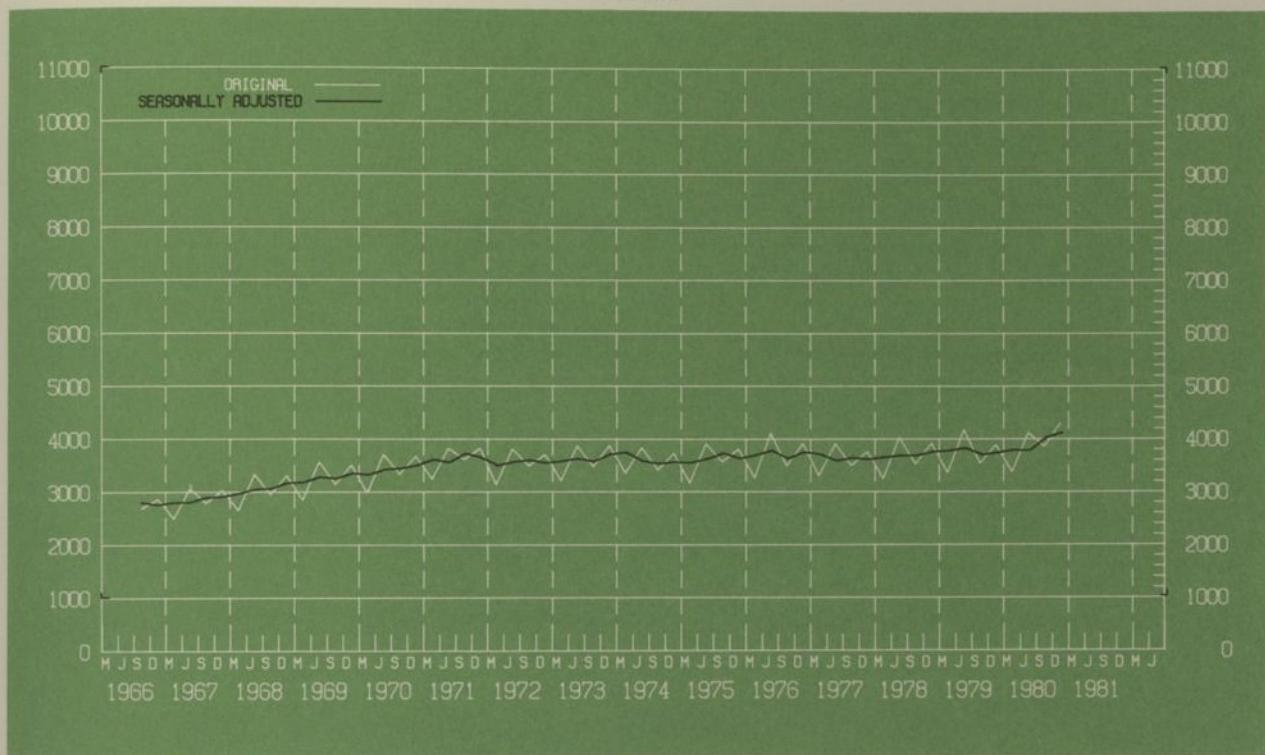
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	1308	1553	1443	1545
1967	1357	1663	1524	1672
1968	1469	1865	1666	1888
1969	1638	2064	1831	2063
1970	1787	2239	2032	2259
1971	2047	2444	2367	2550
1972	2114	2601	2426	2606
1973	2294	2844	2655	3038
1974	2707	3354	3180	3665
1975	3224	4115	3888	4315
1976	3819	5000	4362	4992
1977	4348	5292	4838	5305
1978	4647	5863	5211	5902
1979	5182	6587	5728	6446
1980	5811	7266	7028	7977

## SEASONALLY ADJUSTED

1966	1454	1408	1499	1491
1967	1511	1512	1579	1607
1968	1637	1704	1724	1807
1969	1825	1892	1890	1974
1970	1993	2060	2090	2150
1971	2284	2268	2431	2427
1972	2354	2419	2487	2480
1973	2555	2651	2710	2892
1974	3018	3120	3265	3483
1975	3609	3784	4037	4095
1976	4312	4566	4505	4767
1977	4884	4813	5015	5068
1978	5212	5327	5419	5636
1979	5804	5991	5962	6167
1980	6499	6622	7300	7606

GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			2686	2858
1967	2492	3062	2784	3024
1968	2646	3324	2947	3305
1969	2841	3562	3136	3495
1970	2974	3699	3327	3665
1971	3234	3814	3604	3814
1972	3136	3806	3485	3699
1973	3203	3866	3467	3870
1974	3352	3825	3407	3722
1975	3157	3899	3560	3799
1976	3256	4102	3484	3904
1977	3288	3901	3489	3756
1978	3234	4020	3521	3915
1979	3348	4171	3535	3886
1980	3372	4111	3857	4289

**SEASONALLY ADJUSTED**

1966			2789	
1967	2786	2788	2882	2893
1968	2956	3039	3051	3159
1969	3169	3269	3241	3342
1970	3311	3405	3429	3487
1971	3596	3541	3709	3629
1972	3479	3543	3581	3523
1973	3553	3603	3551	3683
1974	3724	3557	3506	3537
1975	3520	3589	3704	3604
1976	3664	3754	3601	3726
1977	3686	3556	3617	3587
1978	3625	3659	3660	3736
1979	3748	3800	3675	3717
1980	3767	3754	4002	4090

GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT CURRENT PRICES

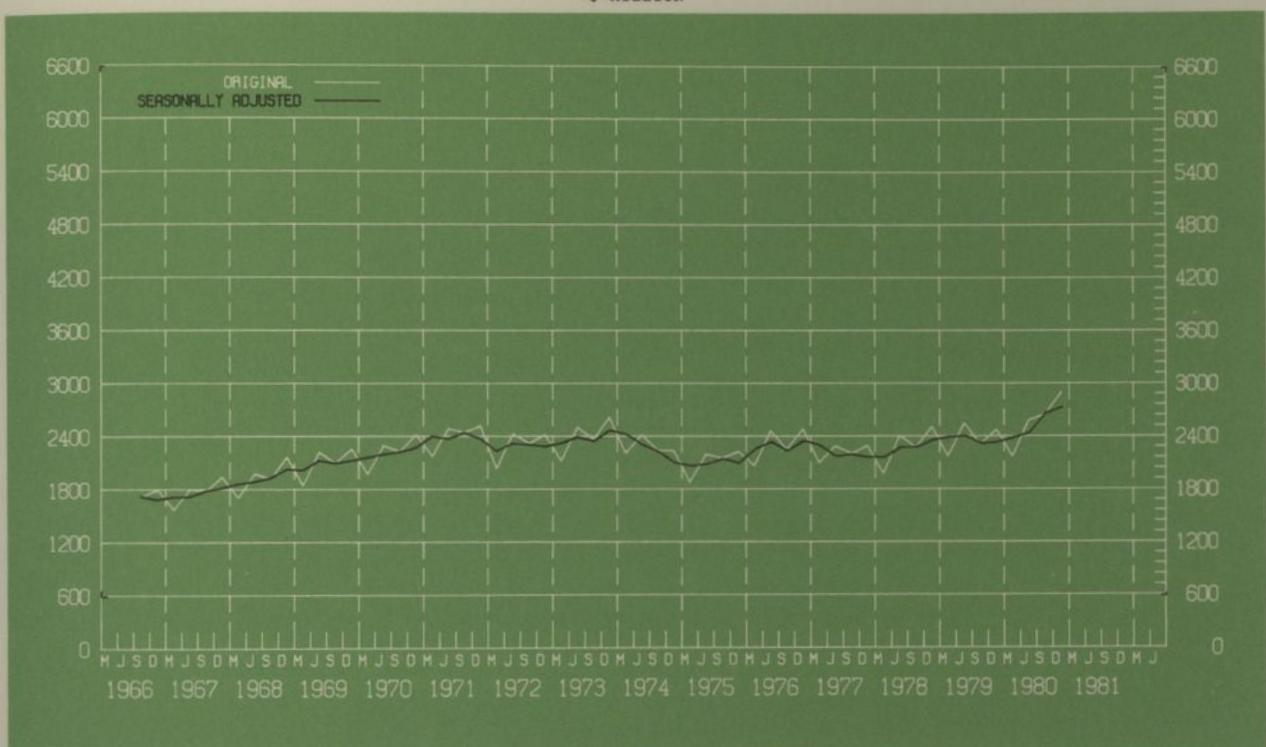
\$ MILLION



YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
				ORIGINAL								
1966		840			941			945			999	
1967		872			1009			990			1092	
1968		955			1127			1100			1251	
1969		1072			1307			1232			1340	
1970		1192			1398			1363			1501	
1971		1378			1597			1601			1684	
1972		1378			1668			1613			1710	
1973		1520			1842			1812			2052	
1974		1789			2119			2084			2205	
1975		1918			2327			2365			2537	
1976		2421			2999			2808			3170	
1977		2771			3110			3061			3254	
1978		2847			3545			3392			3819	
1979		3389			4060			3756			4113	
1980		3735			4567			4815			5393	
SEASONALLY ADJUSTED												
1966		926			898			954			948	
1967		964			963			999			1032	
1968		1056			1077			1110			1181	
1969		1184			1251			1239			1267	
1970		1319			1338			1370			1415	
1971		1537			1528			1607			1591	
1972		1533			1599			1612			1622	
1973		1685			1768			1804			1950	
1974		1984			2033			2081			2087	
1975		2137			2223			2369			2409	
1976		2679			2865			2810			3024	
1977		3058			2968			3076			3094	
1978		3146			3367			3429			3623	
1979		3749			3852			3799			3907	
1980		4130			4335			4879			5103	

GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966				
1967	1563	1800	1714	1795
1968	1699	1973	1775	1938
1969	1838	2218	1917	2159
1970	1971	2293	2223	2253
1971	2172	2480	2443	2415
1972	2032	2423	2316	2513
1973	2118	2497	2361	2415
1974	2206	2413	2236	2611
1975	1872	2192	2148	2234
1976	2058	2458	2242	2224
1977	2094	2285	2195	2478
1978	1967	2403	2266	2285
1979	2169	2542	2305	2501
1980	2166	2578	2640	2468
				2893
SEASONALLY ADJUSTED				
1966				
1967	1724	1727	1735	1694
1968	1872	1895	1791	1827
1969	2024	2133	1934	2038
1970	2170	2204	2103	2130
1971	2408	2379	2233	2281
1972	2245	2330	2451	2379
1973	2333	2402	2315	2297
1974	2435	2316	2356	2482
1975	2076	2098	2238	2116
1976	2271	2351	2156	2112
1977	2309	2184	2246	2362
1978	2173	2286	2206	2171
1979	2400	2416	2289	2370
1980	2395	2451	2327	2344
			2671	2737

GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT CURRENT PRICES

\$ MILLION



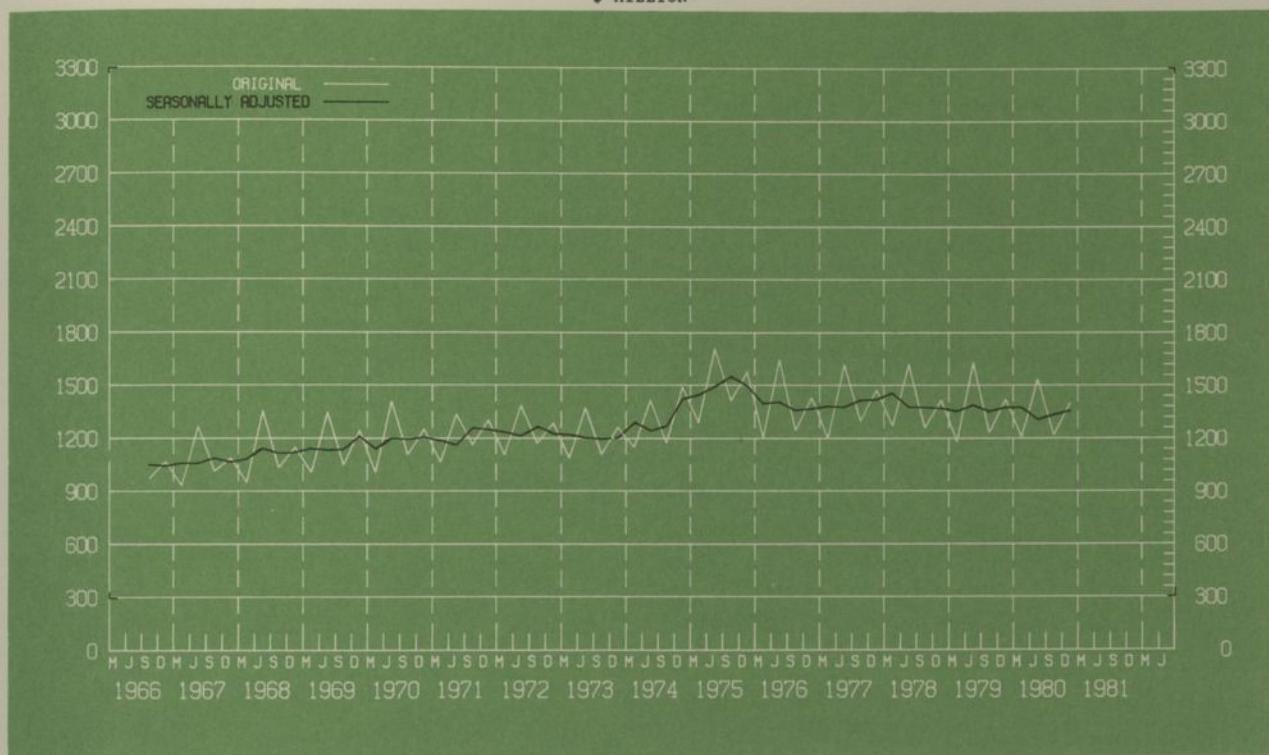
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	468	612	498	546
1967	485	654	534	580
1968	514	738	566	637
1969	566	757	599	723
1970	595	841	669	758
1971	669	847	766	866
1972	736	933	813	896
1973	774	1002	843	986
1974	918	1235	1096	1460
1975	1306	1788	1523	1778
1976	1398	2001	1554	1822
1977	1577	2182	1777	2051
1978	1800	2318	1819	2083
1979	1793	2527	1972	2333
1980	2076	2699	2213	2584

## SEASONALLY ADJUSTED

1966	528	510	545	543
1967	547	549	580	575
1968	581	627	614	626
1969	641	641	651	707
1970	674	722	720	735
1971	747	740	824	836
1972	821	820	875	858
1973	870	883	906	942
1974	1034	1087	1184	1396
1975	1472	1561	1668	1686
1976	1633	1701	1695	1743
1977	1826	1845	1939	1974
1978	2066	1960	1990	2013
1979	2055	2139	2163	2260
1980	2369	2287	2421	2503

GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1966				
1967	929	1262	1009	1086
1968	947	1351	1030	1146
1969	1003	1344	1045	1242
1970	1003	1406	1104	1250
1971	1062	1334	1161	1301
1972	1104	1383	1169	1284
1973	1085	1369	1106	1259
1974	1146	1412	1171	1488
1975	1285	1707	1412	1575
1976	1198	1644	1242	1426
1977	1194	1616	1294	1471
1978	1267	1617	1255	1414
1979	1179	1629	1230	1418
1980	1206	1533	1217	1396

## ORIGINAL

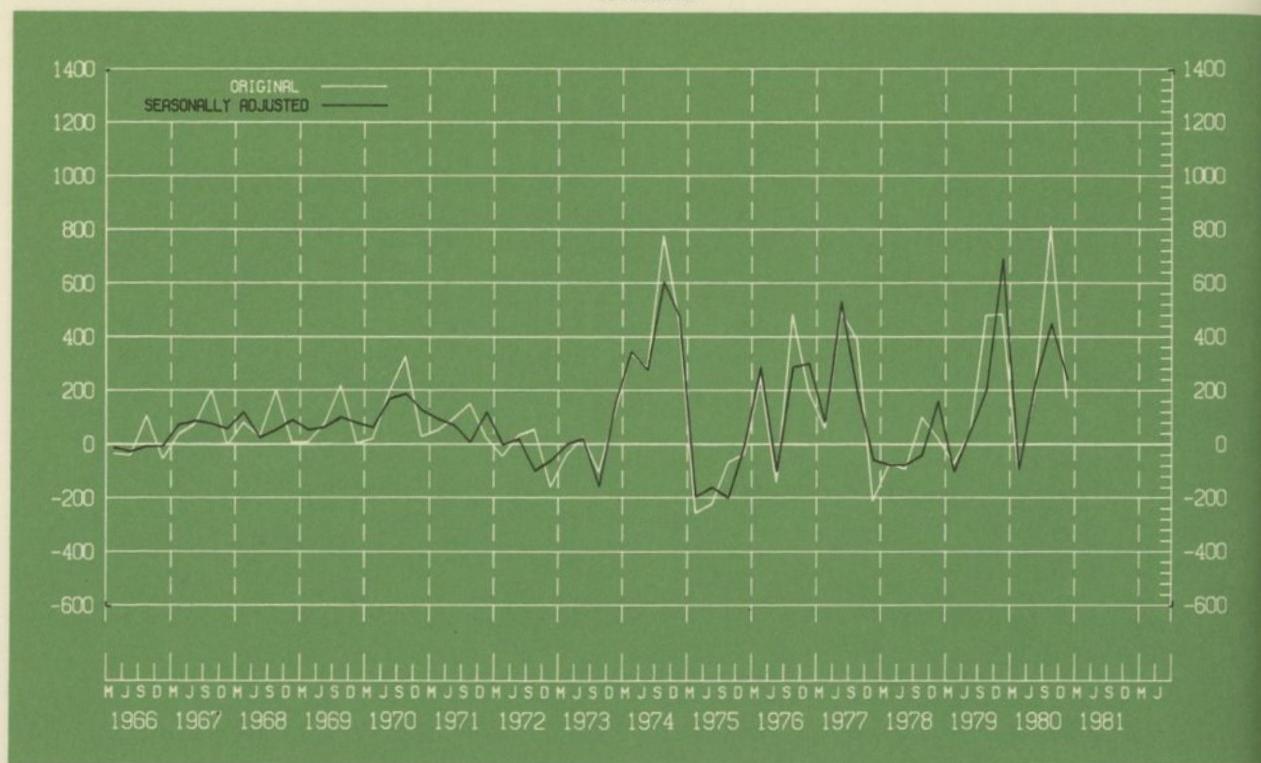
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1966				
1967	929	1262	1009	1086
1968	947	1351	1030	1146
1969	1003	1344	1045	1242
1970	1003	1406	1104	1250
1971	1062	1334	1161	1301
1972	1104	1383	1169	1284
1973	1085	1369	1106	1259
1974	1146	1412	1171	1488
1975	1285	1707	1412	1575
1976	1198	1644	1242	1426
1977	1194	1616	1294	1471
1978	1267	1617	1255	1414
1979	1179	1629	1230	1418
1980	1206	1533	1217	1396

## SEASONALLY ADJUSTED

YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1966				
1967	1062	1061	1054	1046
1968	1084	1144	1091	1066
1969	1145	1136	1117	1121
1970	1141	1201	1138	1212
1971	1188	1162	1196	1206
1972	1234	1213	1258	1250
1973	1220	1201	1266	1226
1974	1289	1241	1195	1201
1975	1444	1491	1268	1421
1976	1393	1403	1548	1492
1977	1377	1372	1355	1364
1978	1452	1373	1411	1416
1979	1348	1384	1371	1366
1980	1372	1303	1348	1373
			1331	1353

INCREASE IN STOCKS - PRIVATE NON-FARM  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	-37	-43	103	-56
1967	37	75	200	-6
1968	79	27	199	4
1969	7	75	218	1
1970	20	195	325	27
1971	51	95	150	22
1972	-46	32	54	-160
1973	-41	26	-105	119
1974	337	282	774	446
1975	-258	-224	-69	-38
1976	250	-141	481	192
1977	58	490	386	-212
1978	-74	-95	98	19
1979	-74	40	477	482
1980	-93	186	808	170

## SEASONALLY ADJUSTED

1966	-9	-24	-5	-4
1967	77	91	81	61
1968	124	29	57	95
1969	57	67	105	83
1970	66	172	192	129
1971	97	74	10	123
1972	1	23	-96	-57
1973	3	24	-154	158
1974	348	280	608	478
1975	-193	-157	-197	-1
1976	288	-97	290	304
1977	86	534	201	-56
1978	-74	-74	-37	163
1979	-98	53	209	695
1980	-87	235	454	247

INCREASE IN STOCKS - PRIVATE NON-FARM  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			254	21
1967	-5	-35	421	69
1968	21	-14	442	7
1969	-69	48	362	32
1970	2	246	556	57
1971	34	78	237	73
1972	-111	-8	144	-200
1973	-76	-61	-81	158
1974	405	252	785	427
1975	-264	-210	-32	8
1976	185	-177	472	163
1977	-29	326	418	-196
1978	-36	-151	134	64
1979	-102	-38	411	227
1980	-112	42	468	103

## SEASONALLY ADJUSTED

1966			-22	84
1967	164	8	147	137
1968	185	22	115	110
1969	104	87	142	101
1970	136	251	293	168
1971	158	97	-19	173
1972	3	32	-109	-100
1973	23	-22	-179	146
1974	481	285	630	448
1975	-179	-158	-168	6
1976	274	-130	247	219
1977	75	394	172	-121
1978	70	-88	-17	92
1979	-25	13	189	319
1980	-36	98	293	113

GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
COMPANIES

\$ MILLION



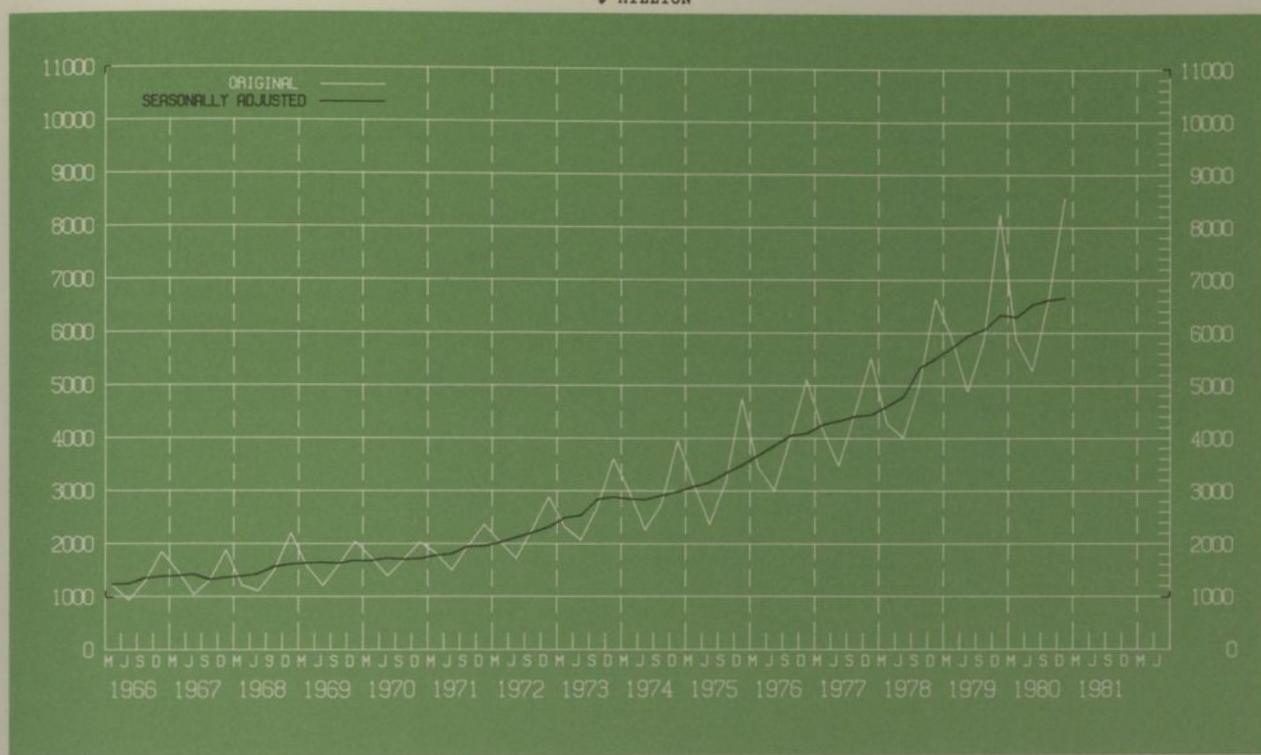
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	602	720	731	863
1967	712	809	839	965
1968	818	891	989	1122
1969	909	1039	1146	1322
1970	1038	1209	1286	1409
1971	1072	1208	1365	1572
1972	1124	1311	1449	1780
1973	1408	1568	1816	2042
1974	1475	1494	1659	2162
1975	1501	2072	1937	2433
1976	1799	2268	2485	2967
1977	2025	2478	2508	2914
1978	2222	2627	2663	3278
1979	2403	2733	3013	3727
1980	2821	3464	3627	4655

## SEASONALLY ADJUSTED

1966	684	731	772
1967	808	825	860
1968	922	917	1000
1969	1030	1076	1174
1970	1180	1257	1248
1971	1227	1262	1380
1972	1296	1368	1547
1973	1641	1629	1755
1974	1750	1550	1817
1975	1801	2123	2053
1976	2137	2319	2537
1977	2397	2535	2504
1978	2554	2712	2816
1979	2780	2859	3183
1980	3258	3623	4032

GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
OTHER

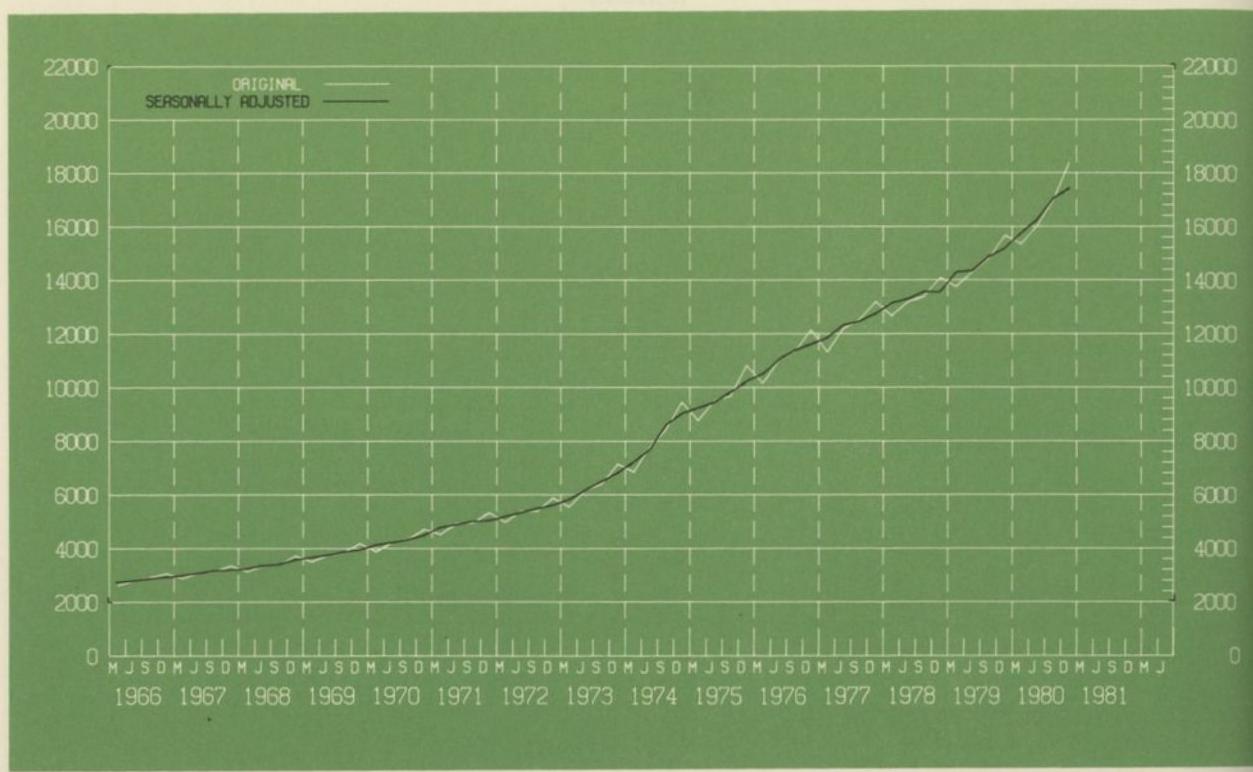
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	1190	931	1281	1835
1967	1471	1031	1310	1870
1968	1205	1098	1497	2195
1969	1564	1204	1605	2037
1970	1728	1386	1689	2022
1971	1816	1490	1945	2350
1972	2022	1713	2275	2870
1973	2304	2060	2670	3594
1974	2983	2251	2739	3938
1975	3113	2358	3175	4742
1976	3437	2997	4009	5097
1977	4150	3465	4473	5510
1978	4261	4006	5009	6641
1979	5899	4879	5850	8242
1980	5862	5272	6614	8547
SEASONALLY ADJUSTED				
1966	1244	1255	1358	1393
1967	1407	1437	1329	1367
1968	1389	1433	1568	1616
1969	1638	1652	1634	1685
1970	1686	1728	1710	1720
1971	1779	1812	1949	1959
1972	2026	2122	2210	2317
1973	2490	2534	2833	2883
1974	2843	2836	2912	2987
1975	3086	3171	3347	3495
1976	3680	3862	4050	4088
1977	4253	4327	4412	4441
1978	4605	4787	5327	5511
1979	5710	5945	6057	6333
1980	6295	6531	6620	6659

## WAGES, SALARIES AND SUPPLEMENTS

\$ MILLION



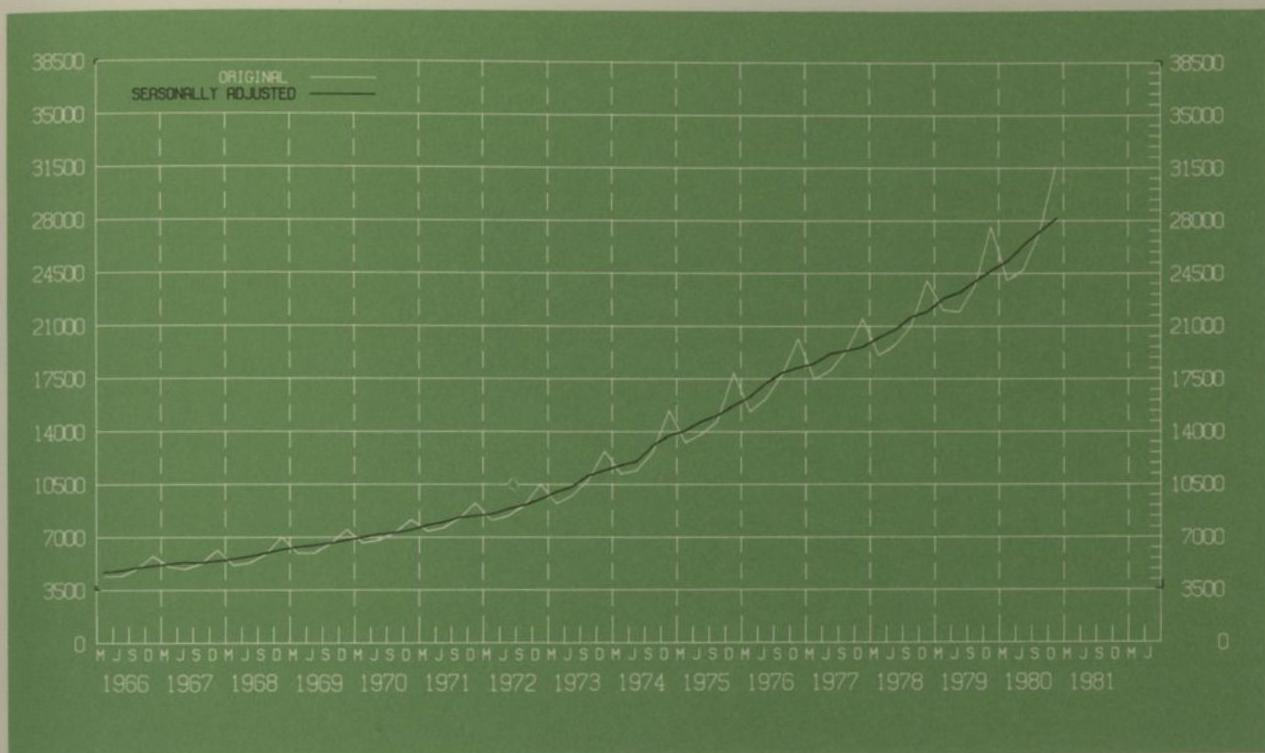
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	2607	2758	2893	3044
1967	2861	3052	3128	3333
1968	3123	3327	3390	3708
1969	3489	3716	3842	4168
1970	3861	4208	4325	4702
1971	4505	4915	4932	5305
1972	4960	5378	5384	5869
1973	5529	6184	6392	7128
1974	6837	7770	8424	9434
1975	8764	9493	9663	10797
1976	10144	10976	11343	12115
1977	11298	12170	12508	13174
1978	12650	13168	13368	14062
1979	13728	14285	14784	15640
1980	15333	16009	16962	18359

## SEASONALLY ADJUSTED

1966	2752	2777	2871	2916
1967	2993	3059	3162	3188
1968	3226	3351	3389	3560
1969	3648	3726	3849	3933
1970	4110	4202	4297	4474
1971	4755	4871	4991	5018
1972	5169	5325	5466	5607
1973	5808	6165	6469	6792
1974	7195	7663	8579	8996
1975	9203	9409	9791	10199
1976	10468	10997	11358	11571
1977	11813	12270	12425	12697
1978	13095	13247	13523	13512
1979	14241	14298	14820	15128
1980	15703	16183	16975	17363

## GROSS DOMESTIC PRODUCT AT FACTOR COST

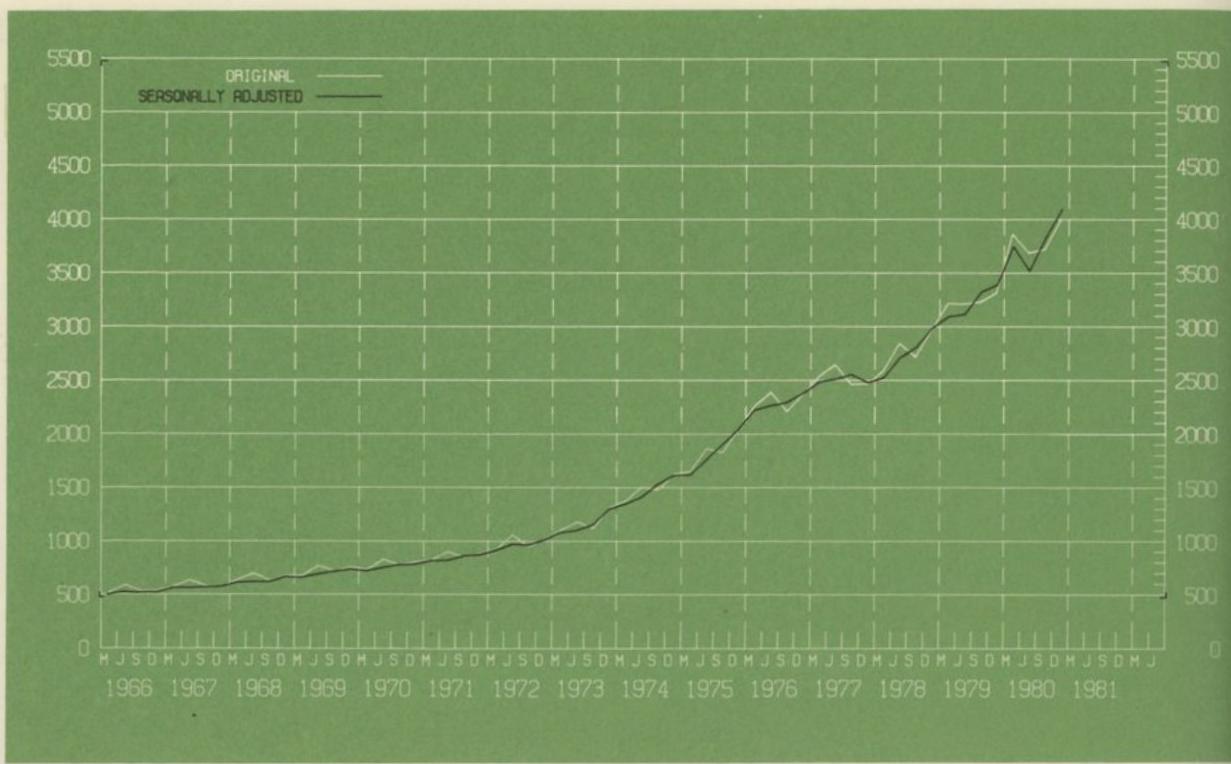
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	4383	4391	4888	5721
1967	5026	4868	5252	6143
1968	5126	5295	5851	6996
1969	5941	5934	6567	7492
1970	6598	6775	7284	8112
1971	7374	7591	8220	9209
1972	8078	8376	9065	10489
1973	9200	9747	10773	12652
1974	11167	11406	12659	15363
1975	13239	13793	14667	17857
1976	15295	16152	17719	20114
1977	17424	18043	19379	21480
1978	19037	19707	21008	24001
1979	22056	21919	23649	27587
1980	24003	24720	27208	31558
SEASONALLY ADJUSTED				
1966	4661	4744	4930	5063
1967	5187	5297	5287	5393
1968	5514	5680	5901	6150
1969	6292	6427	6571	6760
1970	6946	7158	7241	7425
1971	7742	7924	8249	8340
1972	8460	8782	9052	9439
1973	9897	10255	10987	11315
1974	11658	11932	12974	13626
1975	13947	14566	14971	15629
1976	16195	17084	17790	18128
1977	18406	19061	19254	19521
1978	20149	20657	21490	21855
1979	22747	23132	23889	24618
1980	25233	26321	27215	28047

## INDIRECT TAXES LESS SUBSIDIES

\$ MILLION

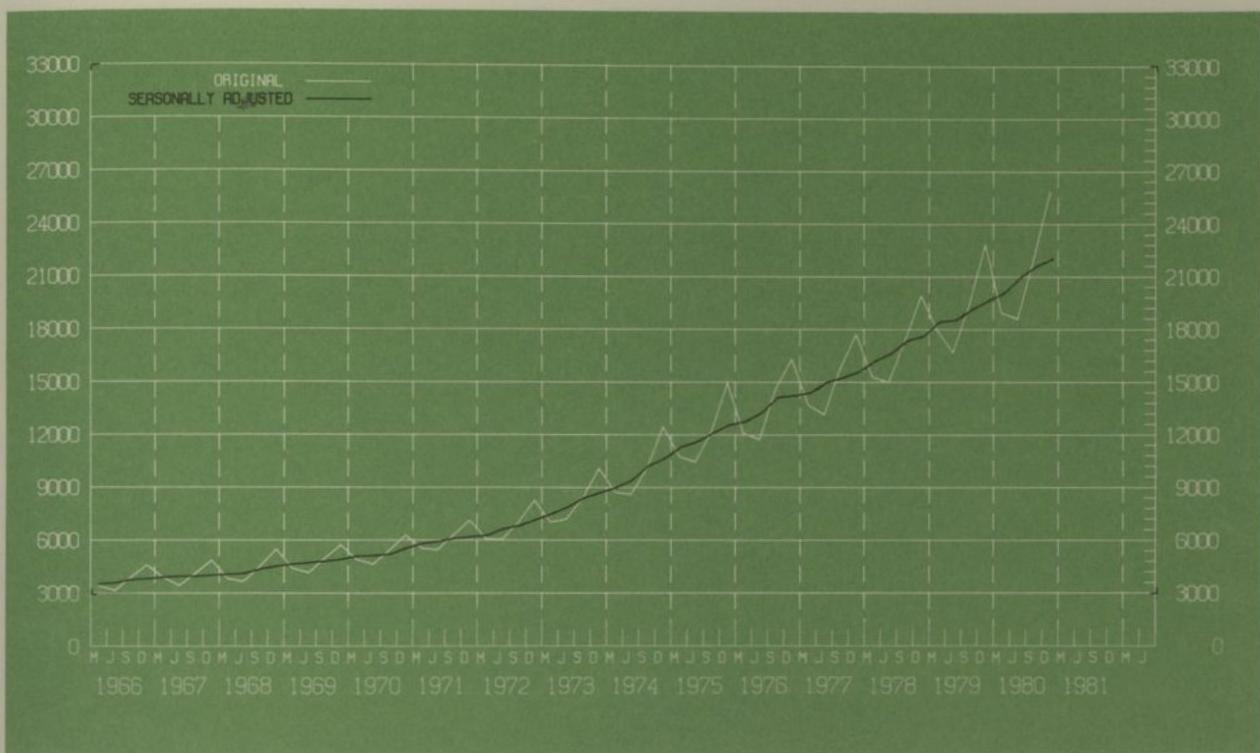


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966	517	588	530	537
1967	572	634	579	569
1968	638	695	624	675
1969	675	767	714	755
1970	730	825	772	803
1971	820	894	847	880
1972	920	1054	943	1021
1973	1103	1177	1117	1310
1974	1376	1502	1477	1622
1975	1653	1863	1828	2043
1976	2265	2385	2211	2364
1977	2532	2641	2461	2462
1978	2582	2839	2714	2965
1979	3210	3208	3225	3313
1980	3857	3683	3716	4000

## SEASONALLY ADJUSTED

1966	527	550	546	547
1967	587	590	595	601
1968	641	644	646	692
1969	684	718	740	763
1970	744	776	800	808
1971	839	842	882	895
1972	936	993	983	1032
1973	1102	1120	1173	1320
1974	1369	1433	1552	1635
1975	1641	1778	1920	2063
1976	2244	2282	2316	2395
1977	2503	2529	2575	2501
1978	2546	2730	2828	3011
1979	3114	3137	3345	3413
1980	3771	3540	3847	4115

HOUSEHOLD DISPOSABLE INCOME  
\$ MILLION



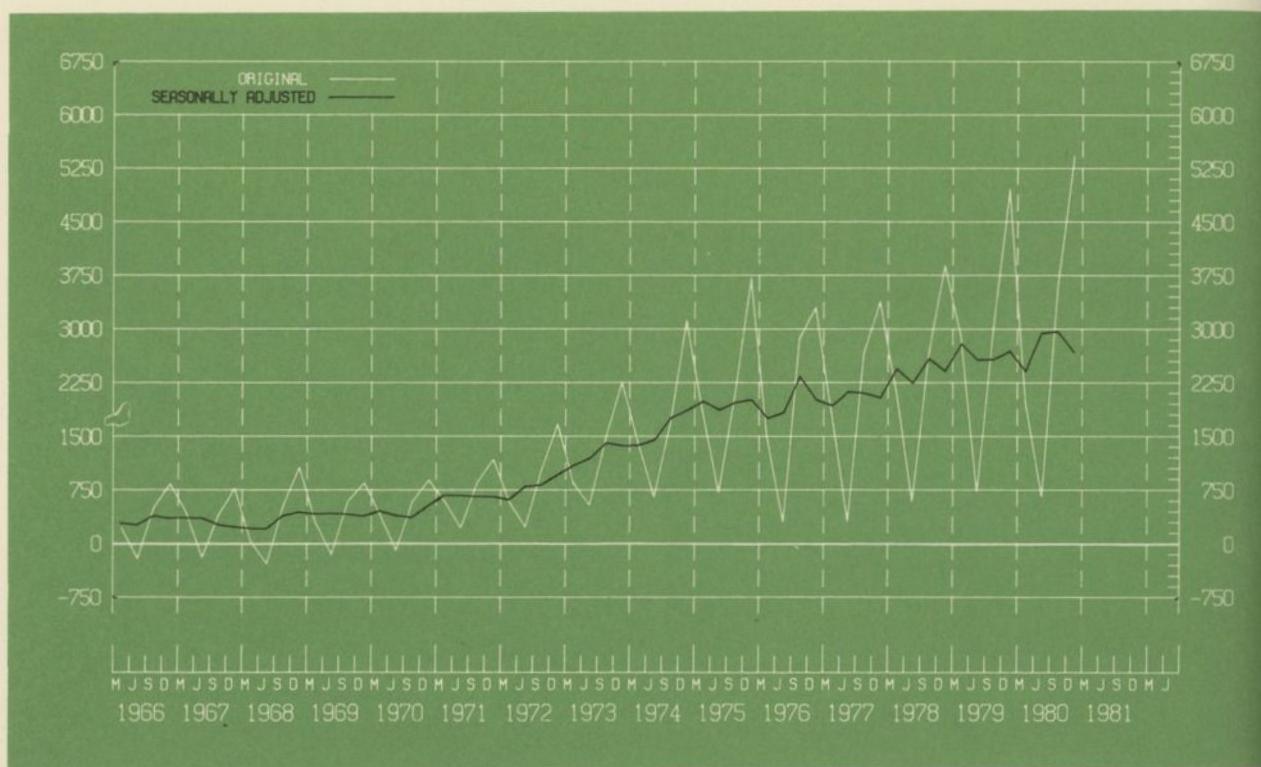
YEAR	MAR. QTR		JUN. QTR		SEP. QTR		DEC. QTR	
	ORIGINAL	SEASONALLY ADJUSTED						
1966	3372	3128	3897	4572				
1967	3872	3426	4104	4837				
1968	3802	3650	4504	5468				
1969	4387	4145	4975	5720				
1970	4890	4620	5417	6268				
1971	5535	5448	6280	7108				
1972	6069	6041	7010	8257				
1973	7016	7199	8419	10045				
1974	8717	8596	10097	12453				
1975	10738	10440	12179	14927				
1976	12062	11722	14606	16288				
1977	13693	13123	15768	17698				
1978	15285	14963	17332	19897				
1979	17948	16644	19349	22822				
1980	18936	18580	22109	25849				

## SEASONALLY ADJUSTED

1966	3602	3639	3827	3878
1967	3954	4027	4026	4074
1968	4130	4188	4424	4585
1969	4690	4780	4866	4968
1970	5149	5182	5261	5591
1971	5860	5972	6151	6238
1972	6330	6685	6876	7203
1973	7550	7926	8449	8745
1974	9048	9474	10268	10695
1975	11337	11652	12160	12621
1976	12803	13322	14176	14279
1977	14433	15008	15290	15610
1978	16243	16685	17406	17649
1979	18471	18564	19148	19638
1980	20079	20965	21622	22022

## HOUSEHOLD SAVING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966	220	-210	502	833
1967	436	-196	399	766
1968	29	-285	529	1061
1969	299	-156	589	844
1970	403	-103	586	882
1971	580	218	849	1169
1972	576	224	1020	1666
1973	833	533	1468	2249
1974	1412	645	1668	3116
1975	1848	717	2083	3706
1976	1490	299	2857	3297
1977	1816	303	2654	3378
1978	2129	588	2632	3882
1979	2915	725	2979	4957
1980	1961	655	3625	5414

## SEASONALLY ADJUSTED

1966	296	274	398	367
1967	370	368	273	241
1968	223	212	397	449
1969	428	432	424	393
1970	468	406	378	536
1971	687	684	672	667
1972	625	809	834	974
1973	1110	1208	1423	1383
1974	1388	1470	1775	1877
1975	2005	1885	1988	2030
1976	1765	1849	2349	2024
1977	1939	2138	2115	2055
1978	2458	2259	2597	2421
1979	2800	2580	2587	2699
1980	2417	2950	2973	2689

## HOUSEHOLD SAVING RATIO

PER CENT



YEAR	MAR. QTR			JUN. QTR			SEP. QTR			DEC. QTR		
	ORIGINAL											
1966		6.5		-6.7			12.9				18.2	
1967		11.3		-5.7			9.7				15.6	
1968		0.7		-7.8			11.7				19.4	
1969		6.8		-3.8			11.8				14.8	
1970		8.2		-2.2			10.8				14.1	
1971		10.5		4.0			13.5				16.4	
1972		9.5		3.7			14.5				20.2	
1973		11.9		7.4			17.4				22.4	
1974		16.2		7.5			16.5				25.0	
1975		17.2		6.9			17.1				24.8	
1976		12.4		2.6			19.6				20.2	
1977		13.3		2.3			16.8				19.1	
1978		13.9		3.9			15.2				19.5	
1979		16.2		4.4			15.4				21.7	
1980		10.4		3.5			16.4				20.9	
	SEASONALLY ADJUSTED											
1966		8.2		7.5			10.4				9.5	
1967		9.4		9.1			6.8				5.9	
1968		5.4		5.1			9.0				9.8	
1969		9.1		9.0			8.7				7.9	
1970		9.1		7.8			7.2				9.6	
1971		11.7		11.5			10.9				10.7	
1972		9.9		12.1			12.1				13.5	
1973		14.7		15.2			16.8				15.8	
1974		15.3		15.5			17.3				17.6	
1975		17.7		16.2			16.3				16.1	
1976		13.8		13.9			16.6				14.2	
1977		13.4		14.2			13.8				13.2	
1978		15.1		13.5			14.9				13.7	
1979		15.2		13.9			13.5				13.7	
1980		12.0		14.1			13.7				12.2	



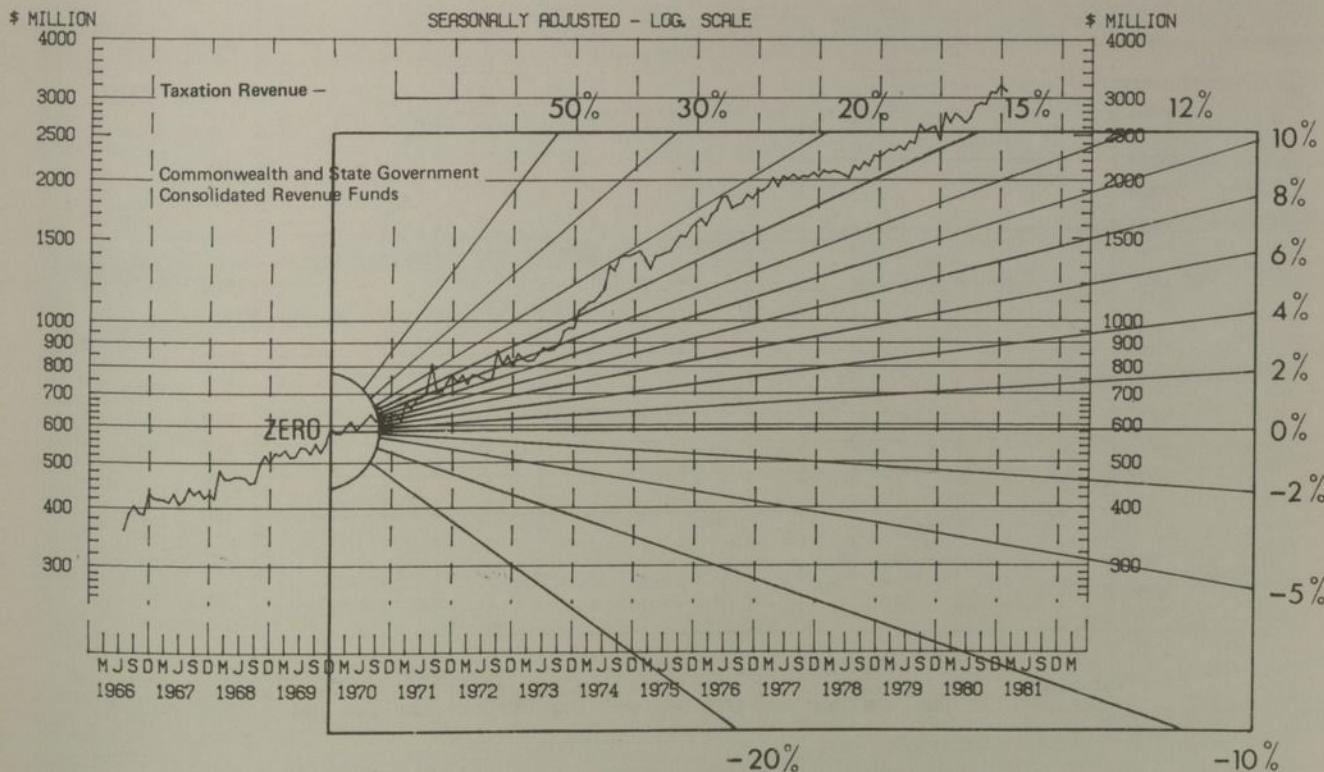
# SEMI-LOGARITHMIC CHARTS

## USE OF THE GROWTH RATE PROTRACTOR

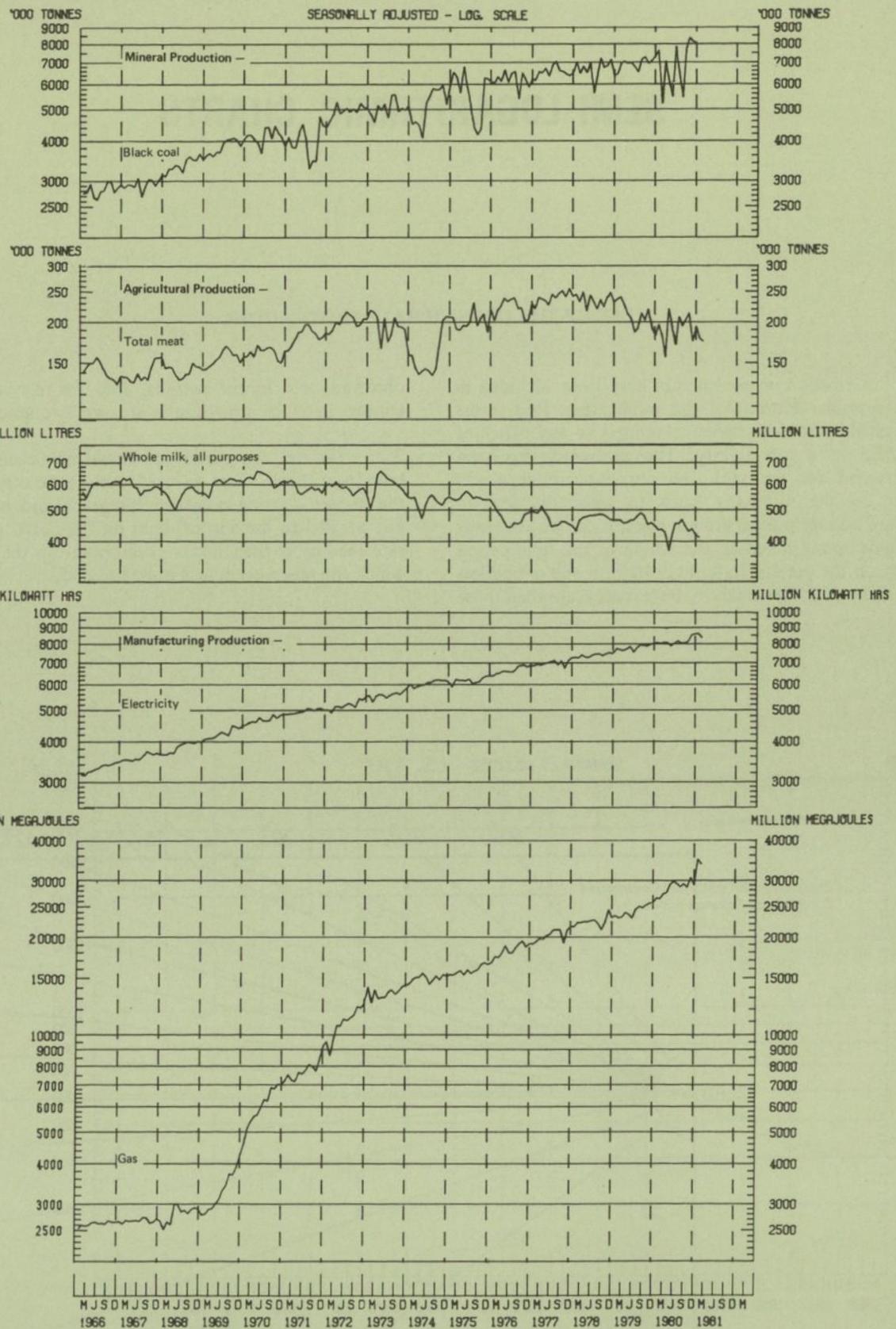
1. Growth rate protractors have been included in some previous editions of this publication. Protractors are available free of charge on request to any office of the ABS in a capital city. The protractor has been constructed for use with the semi-logarithmic charts shown on the following pages to assist the user to measure average annual growth rates. It can be used over any time span, including the whole of the time period shown on the graphs. Rates indicated for any period less than three years are likely to be less accurate than those

observed over longer periods, and less relevant in the context in which growth rates are usually considered.

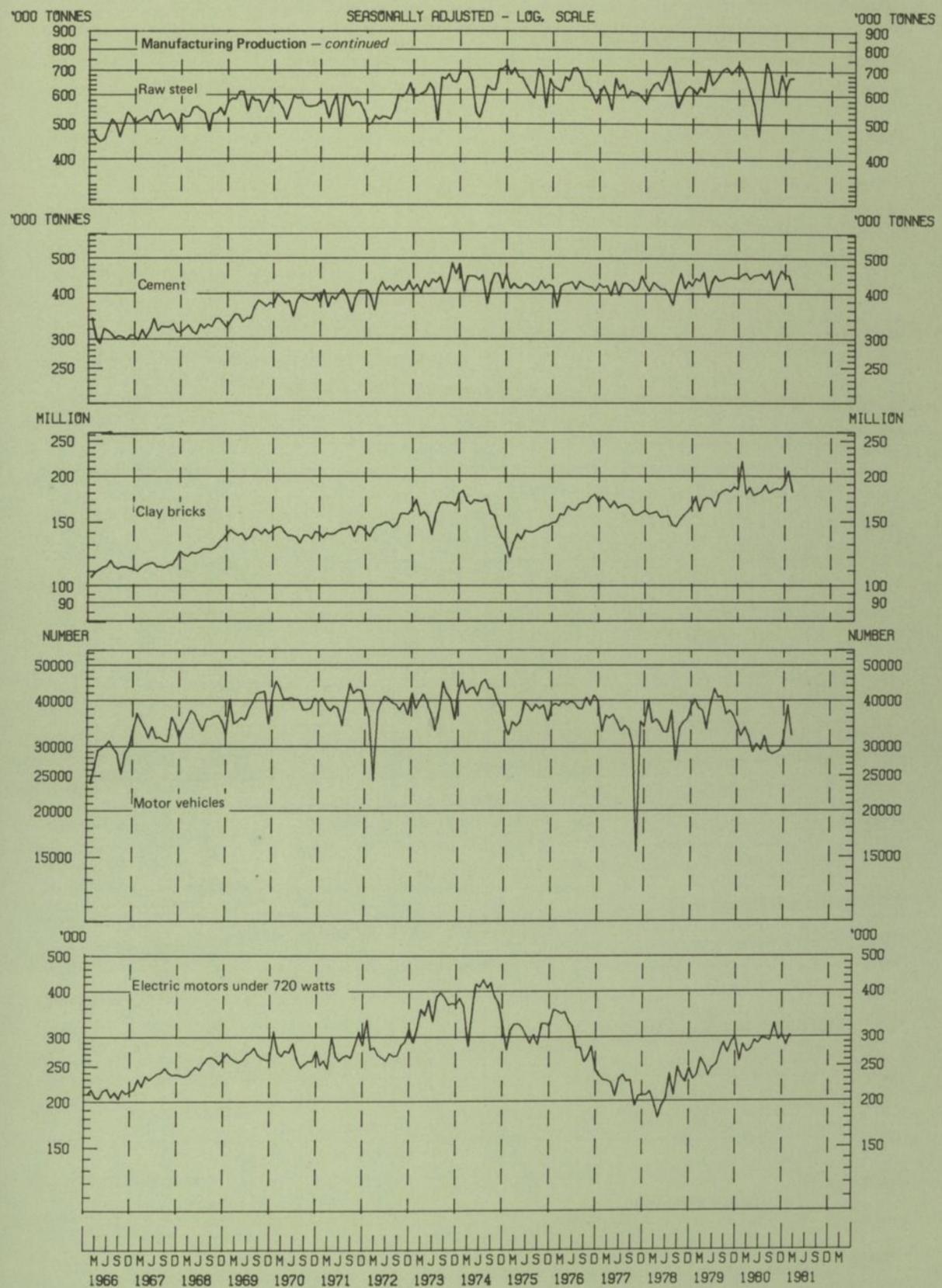
2. In use, the protractor should be placed over the semi-logarithmic chart selected with its zero point over the chosen starting point on the graph and its vertical line parallel to the vertical lines on the chart. A growth rate reading is then taken at the point on the graph at which the observation is intended to end.



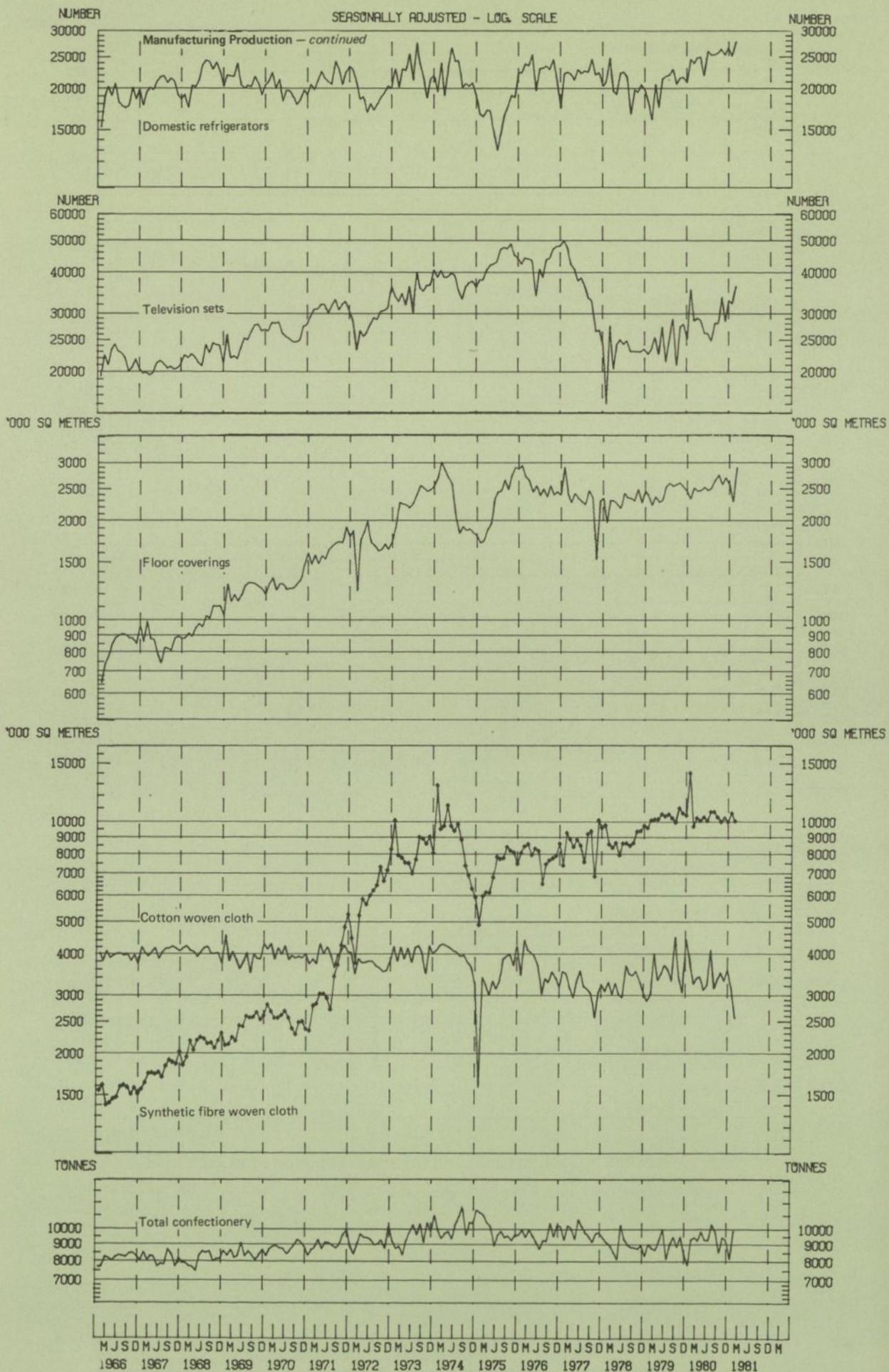
## AUSTRALIAN SERIES



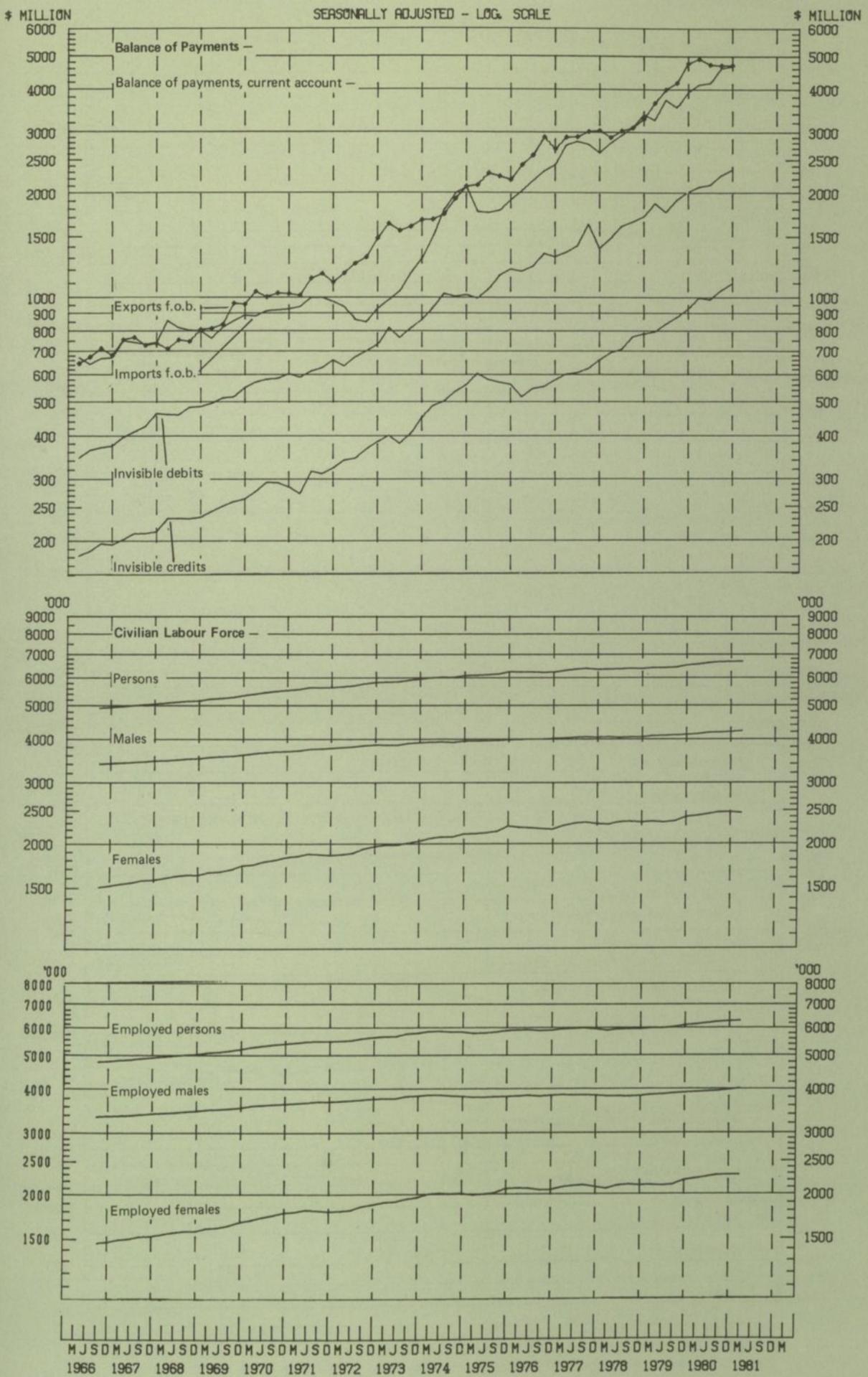
AUSTRALIAN SERIES



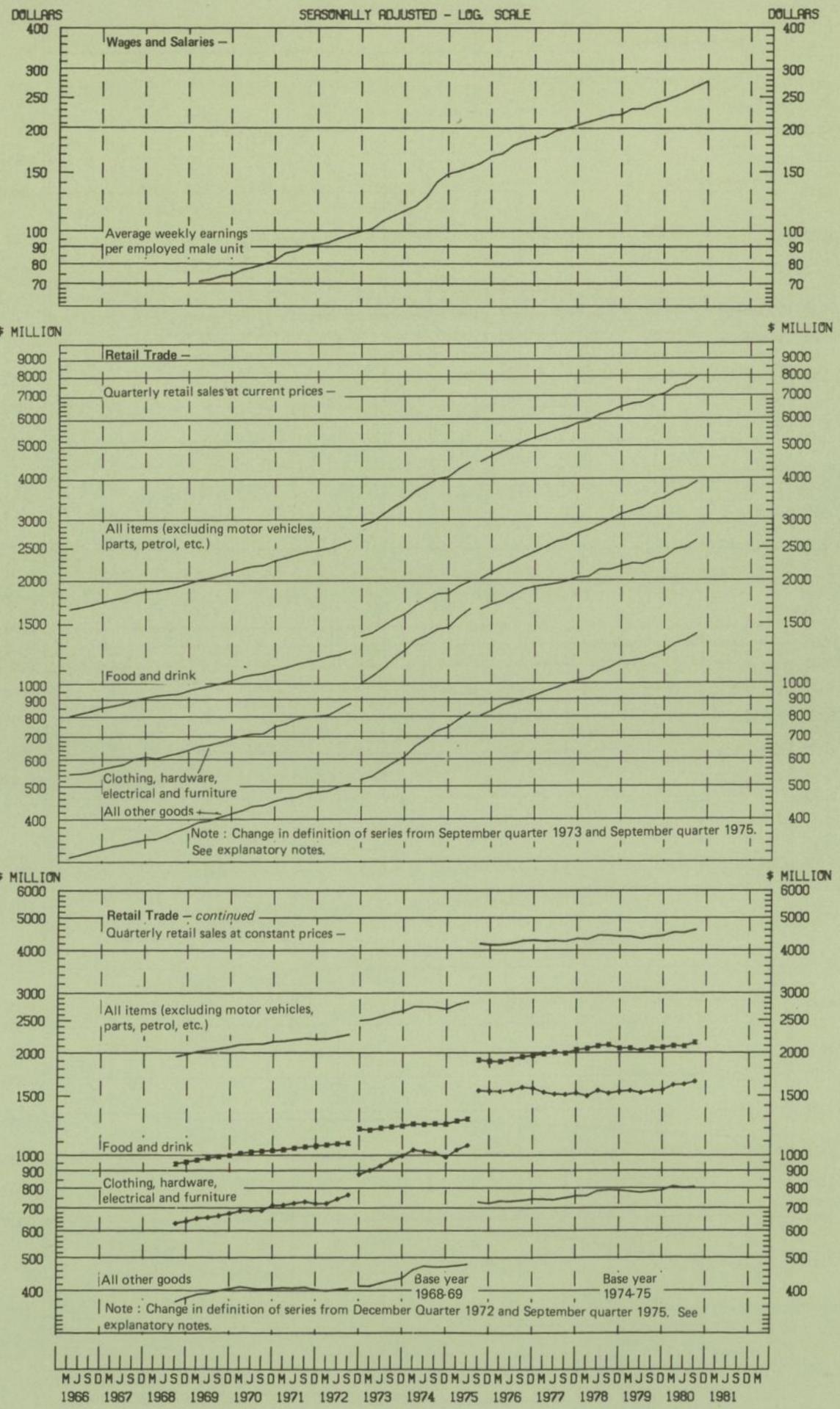
## AUSTRALIAN SERIES



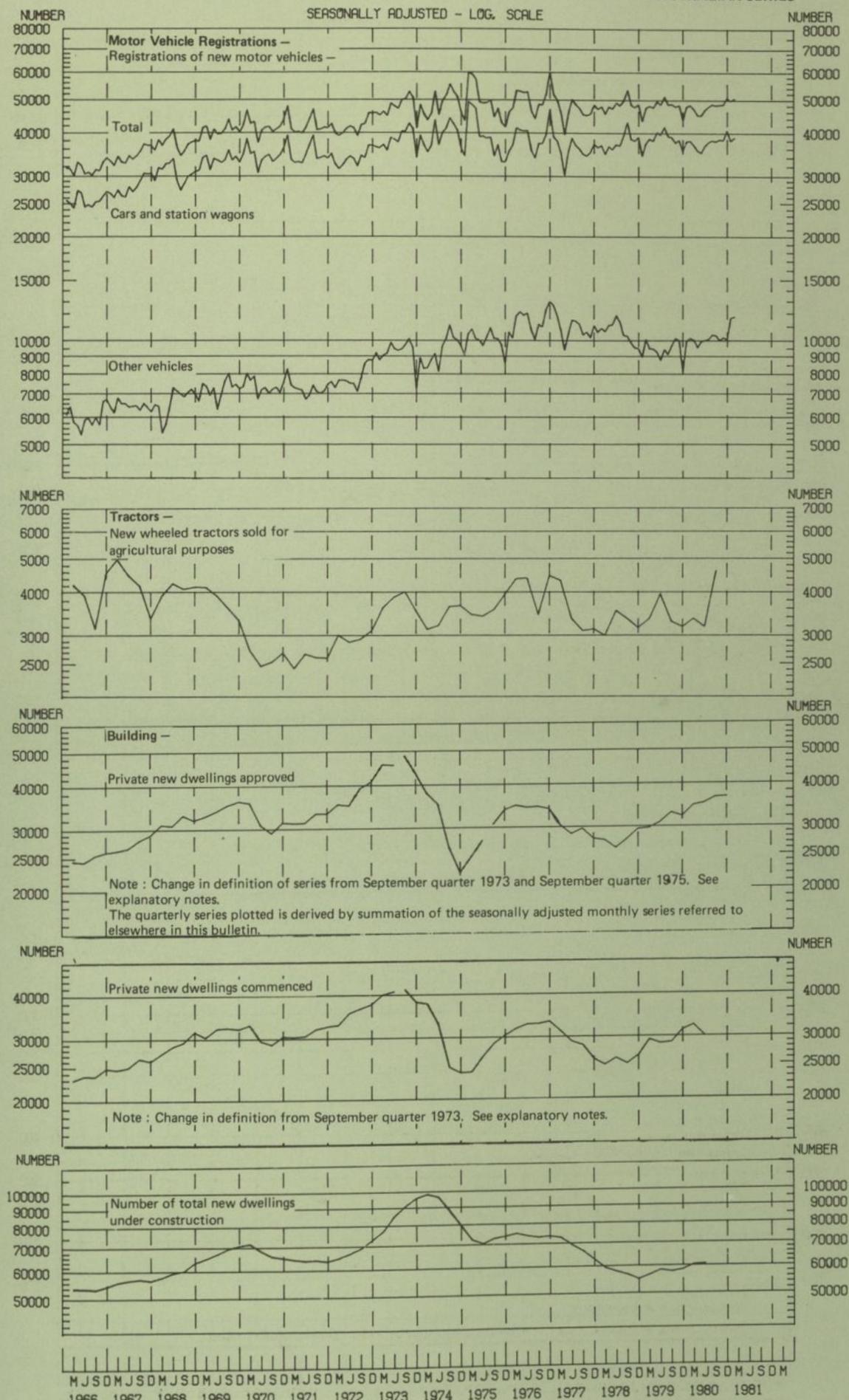
AUSTRALIAN SERIES



## AUSTRALIAN SERIES

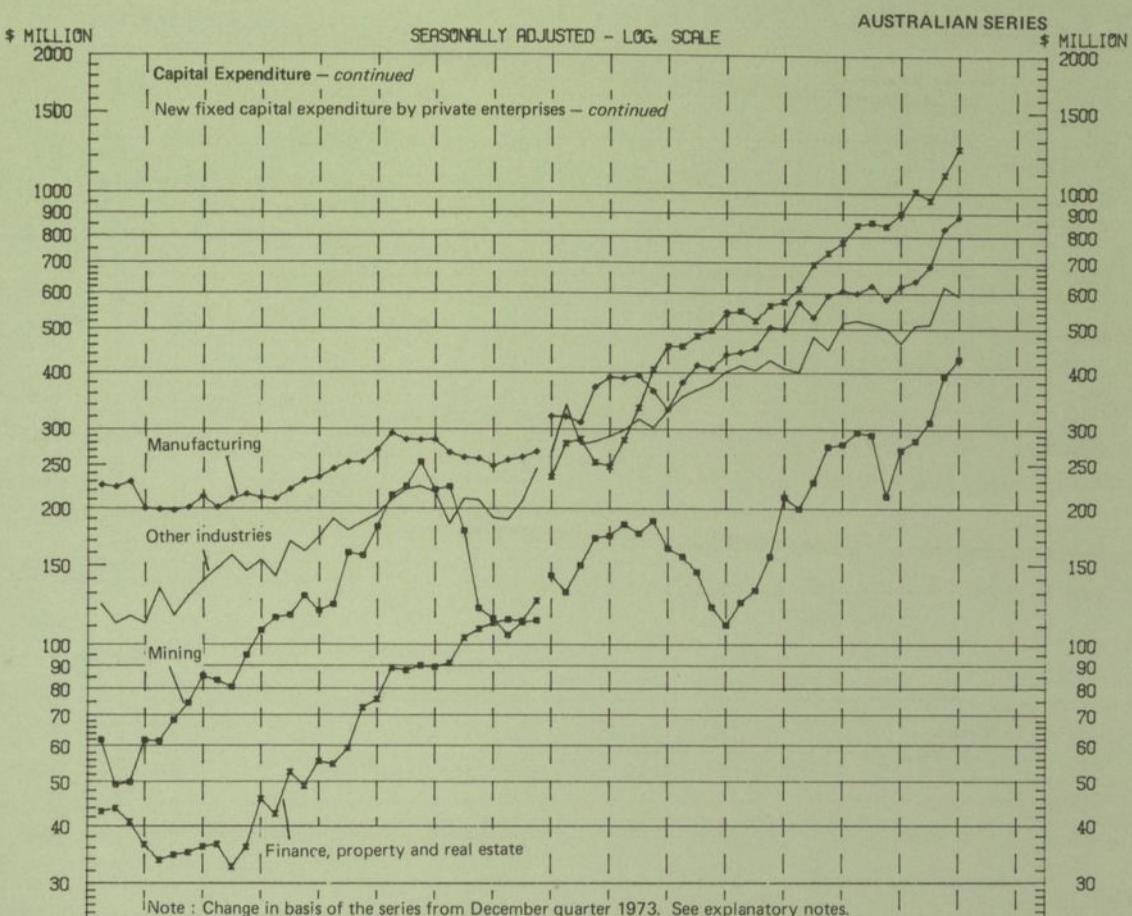


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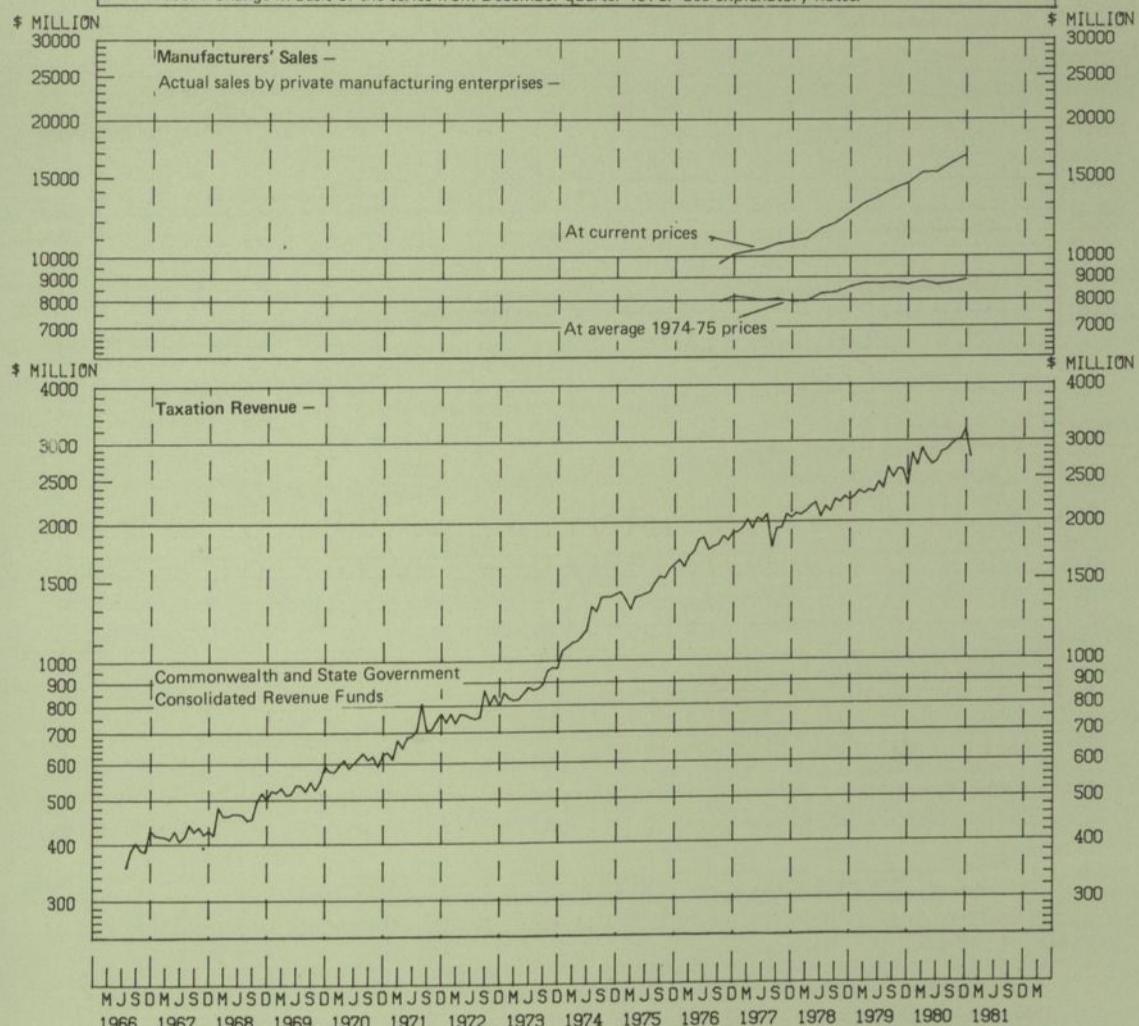


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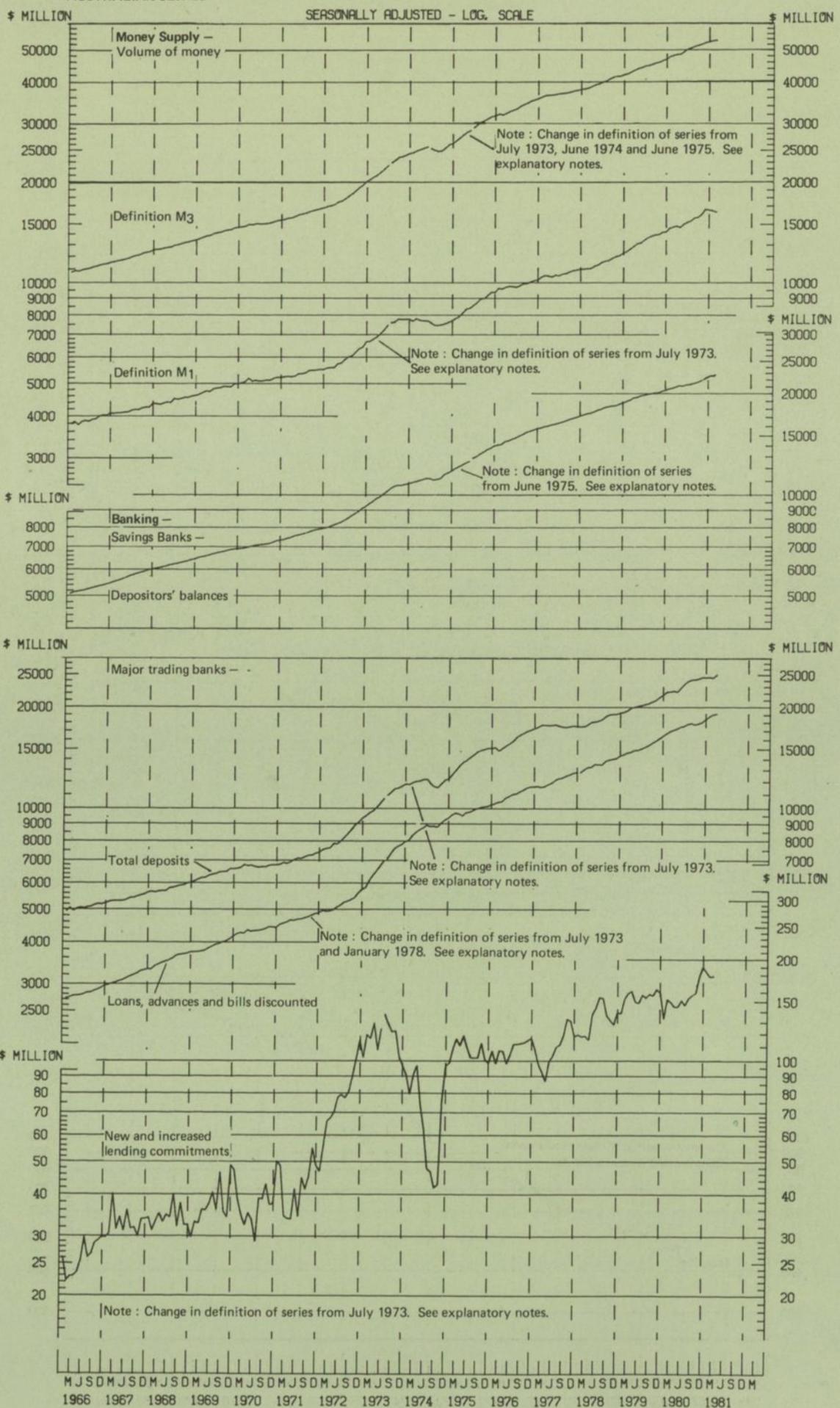


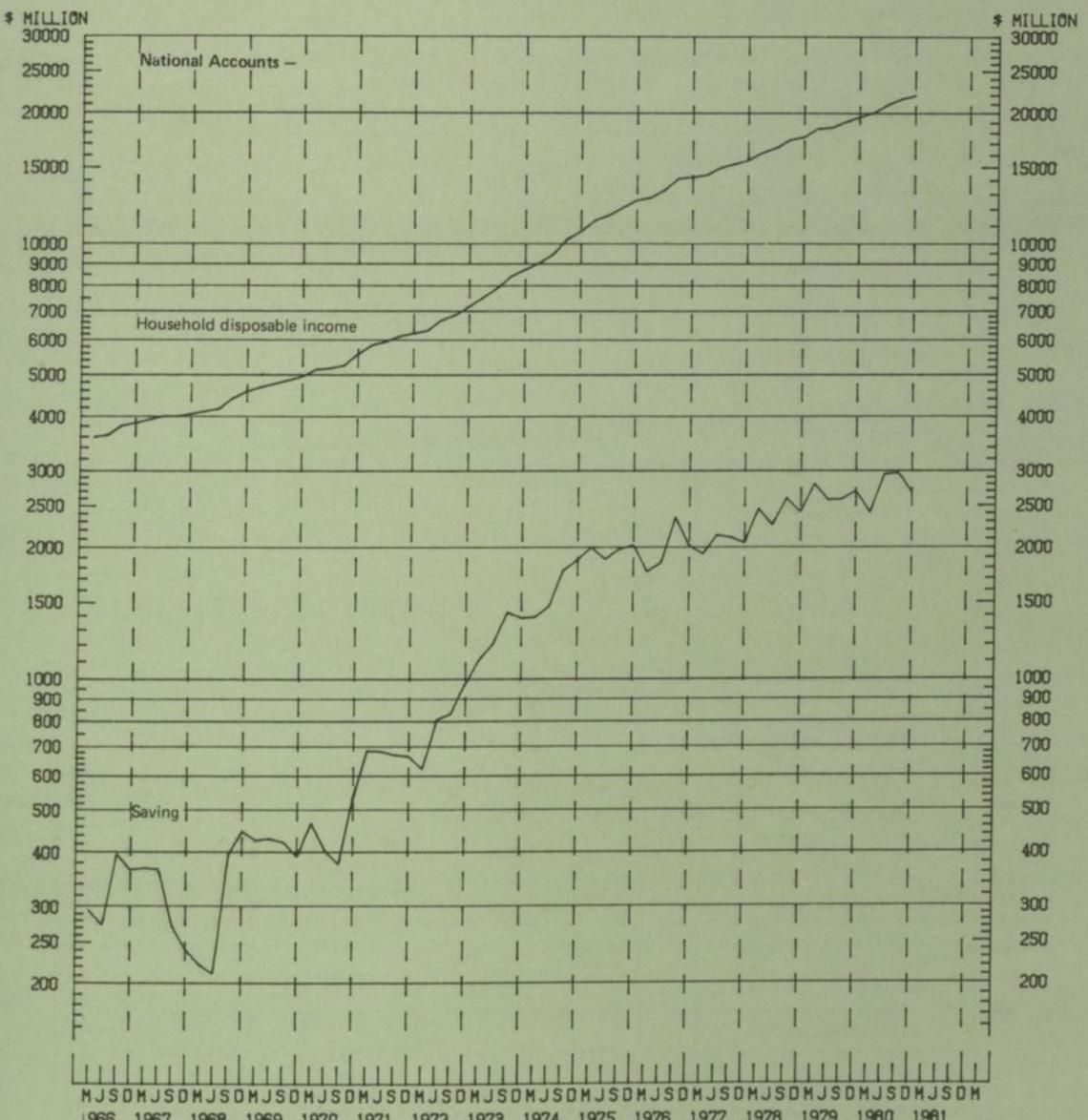
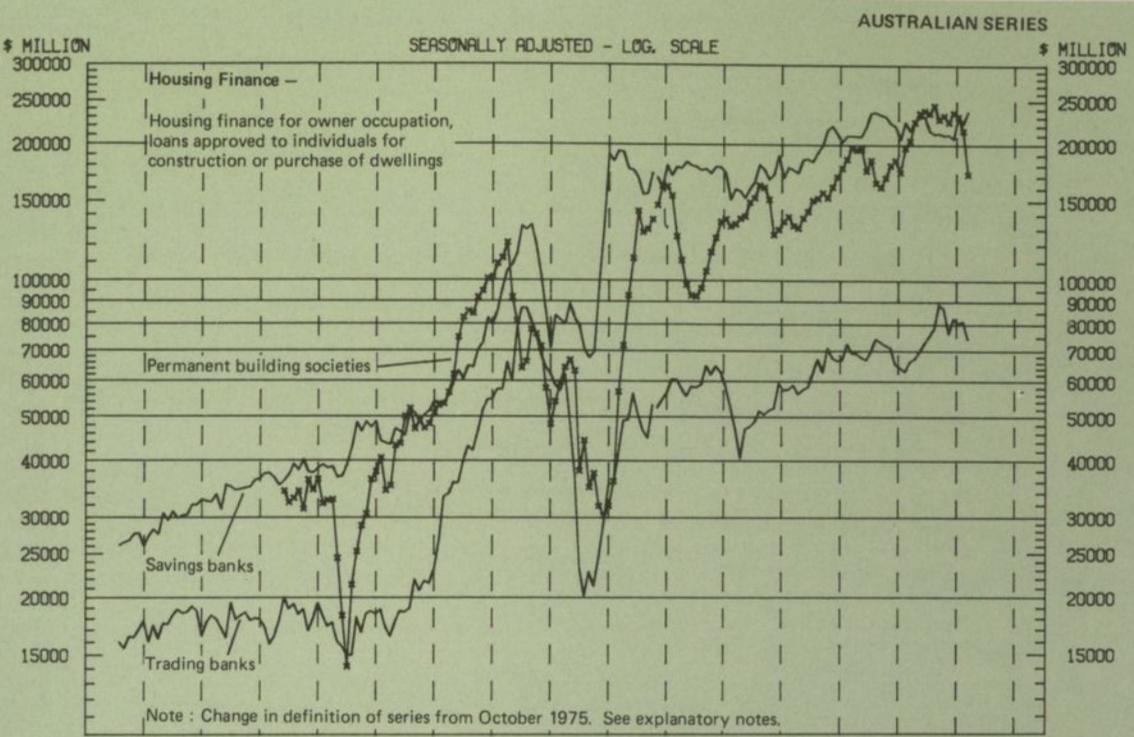


Note : Change in basis of the series from December quarter 1973. See explanatory notes.

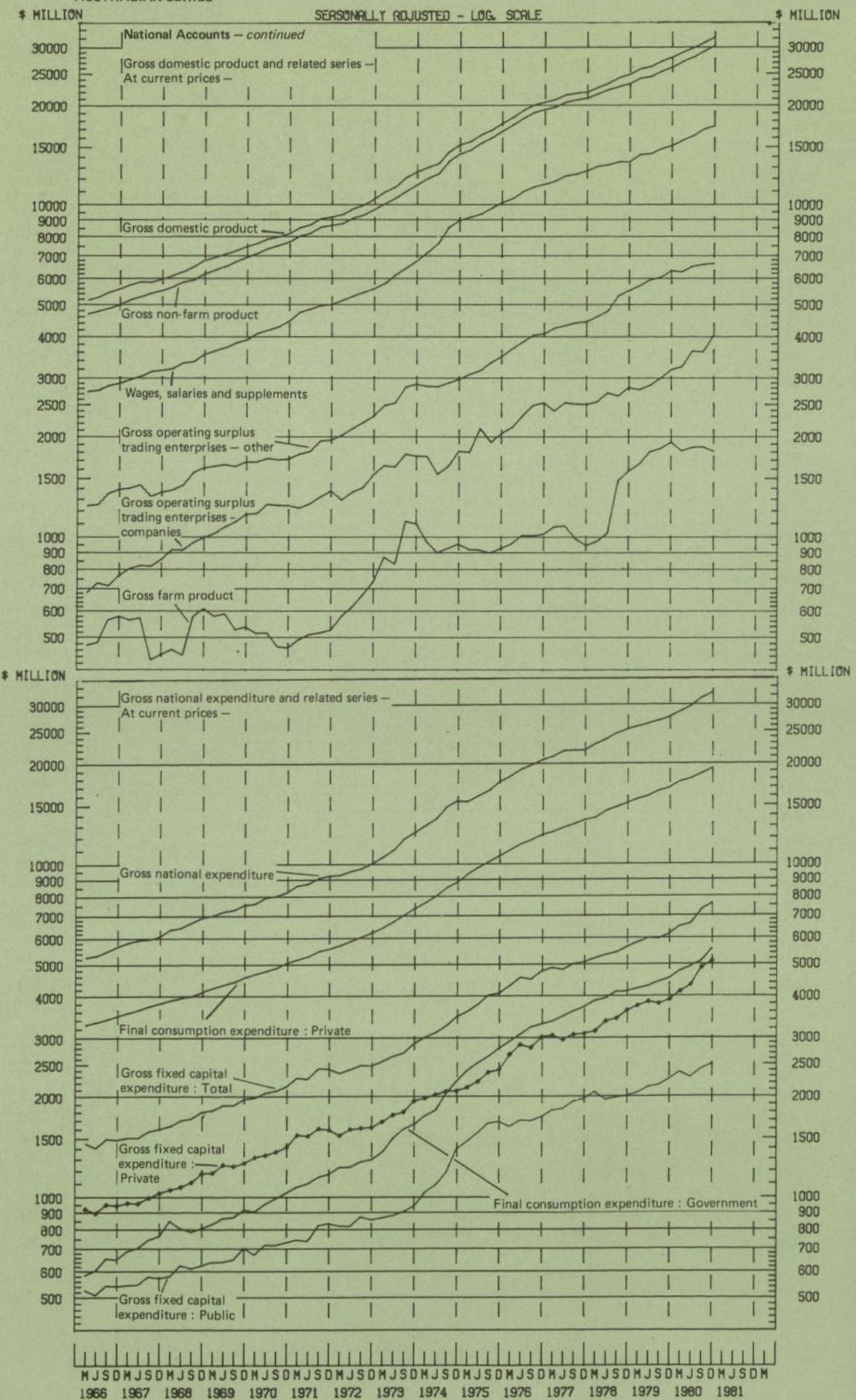


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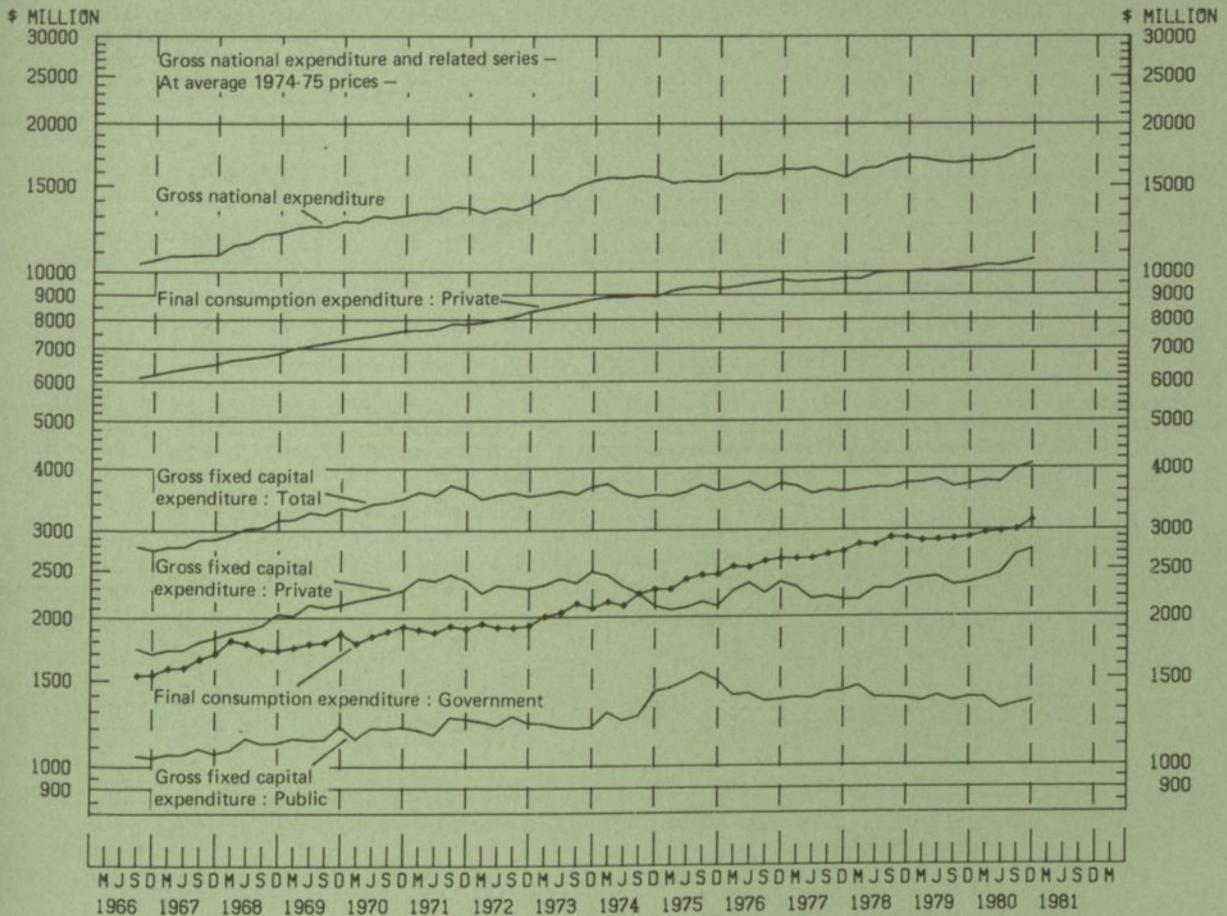
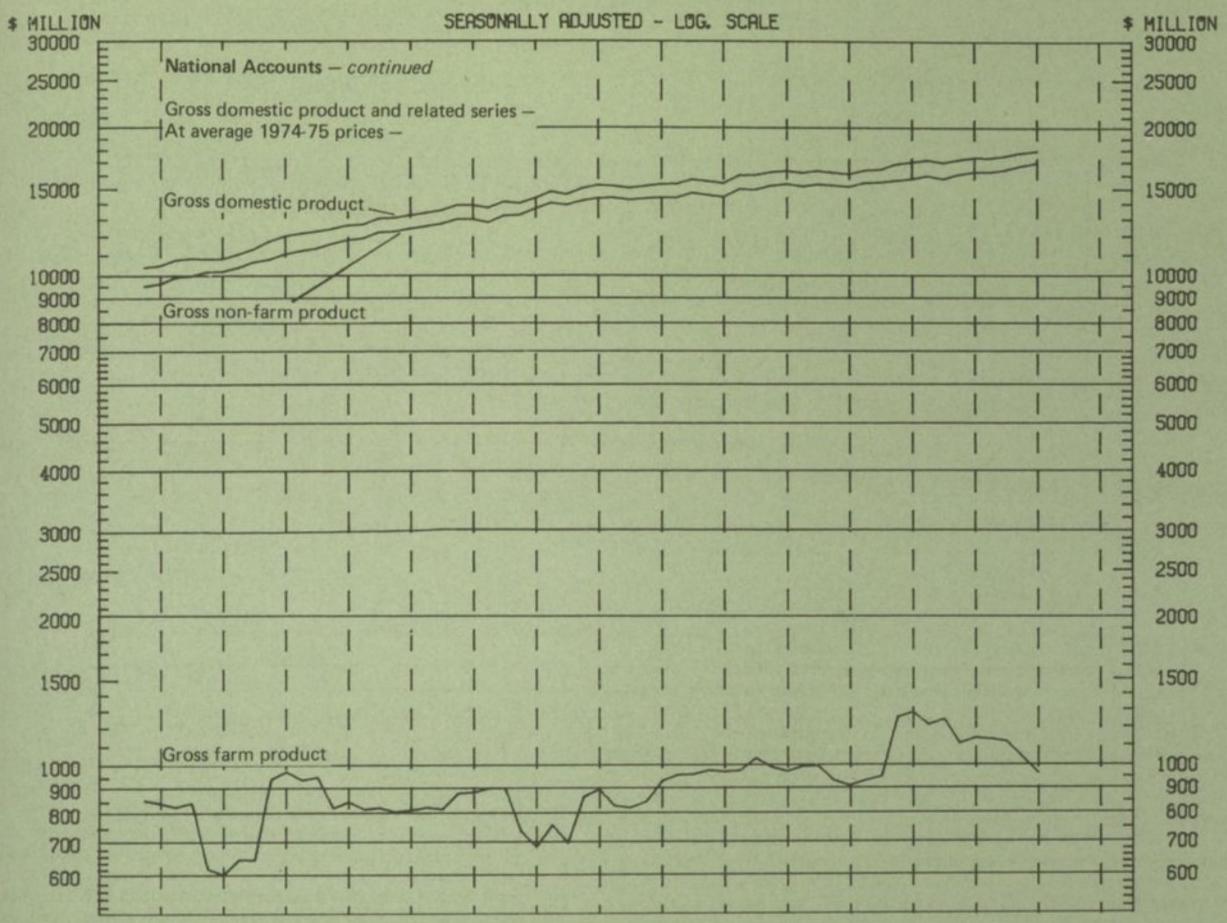


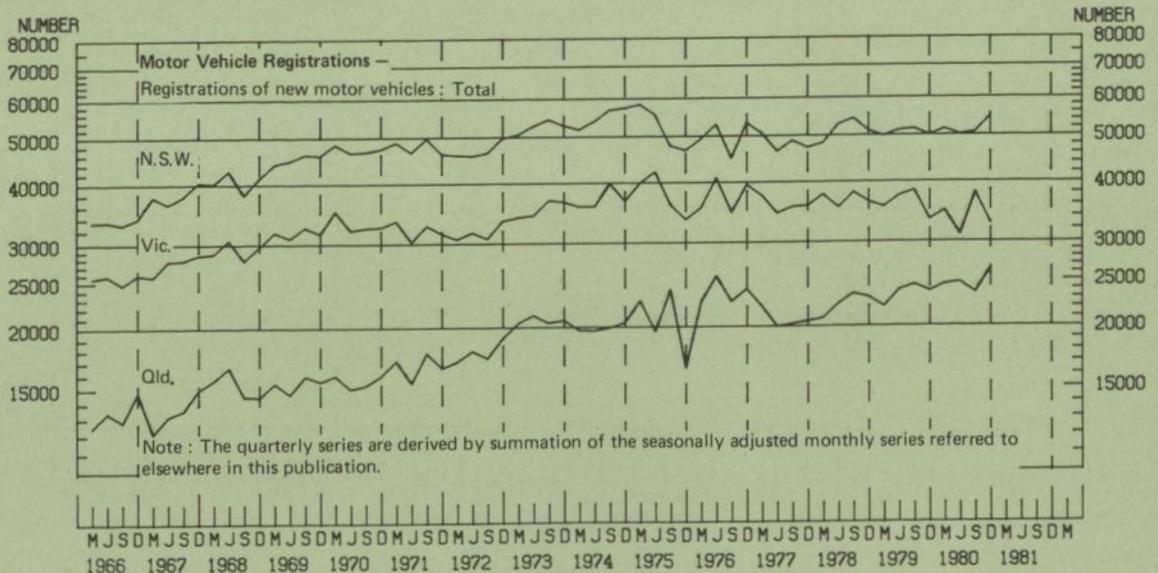
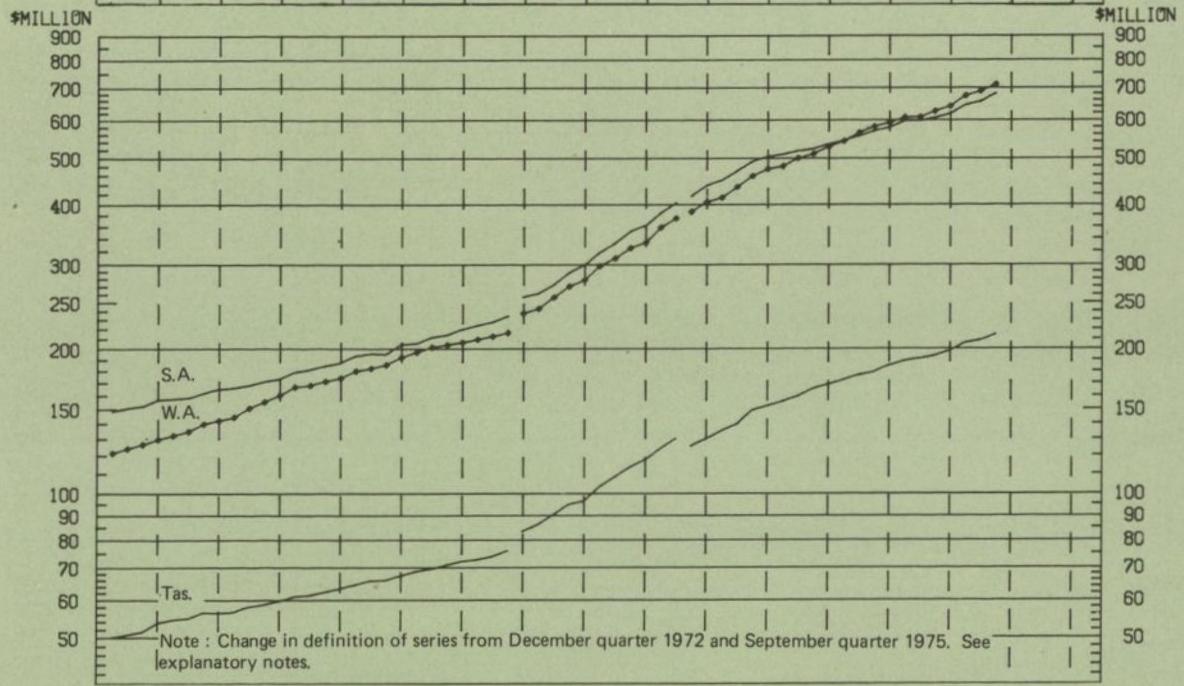
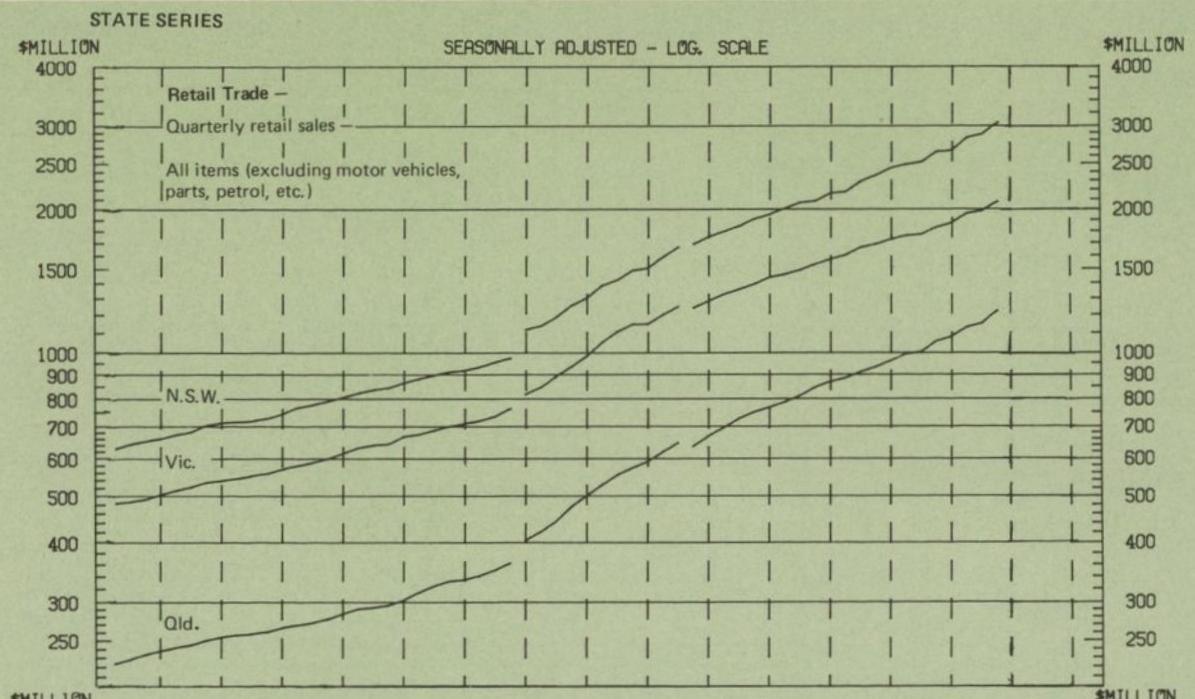


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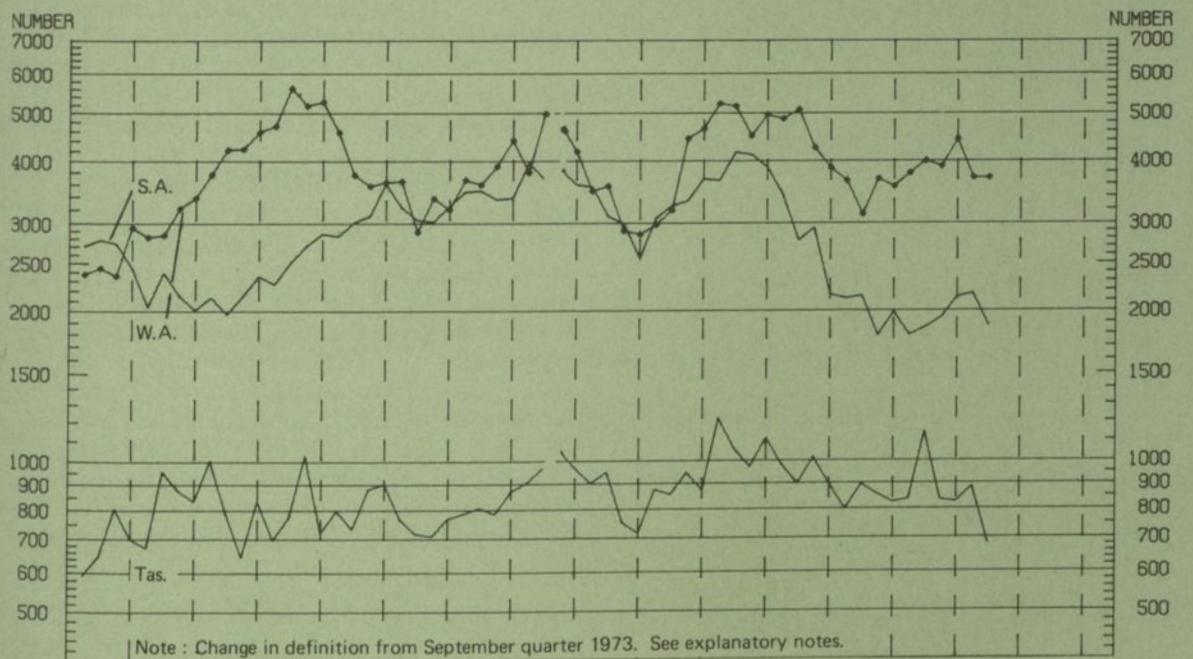
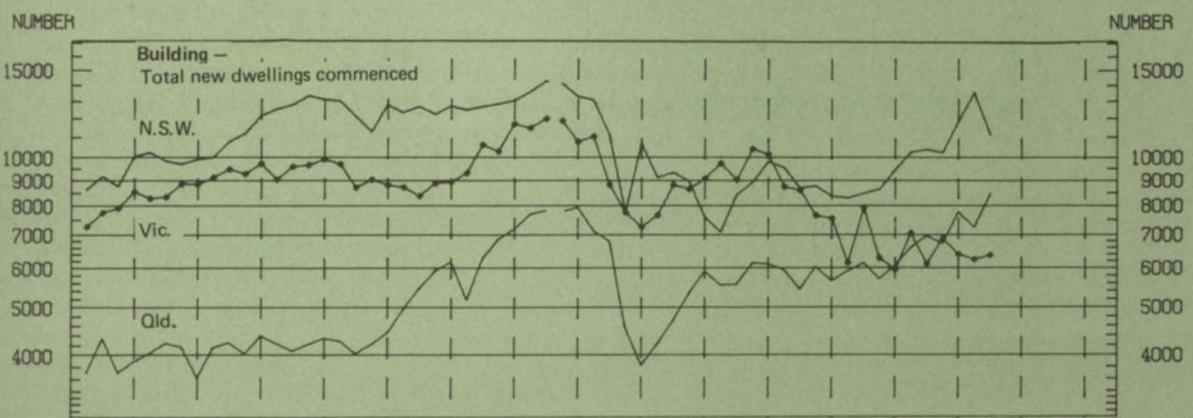
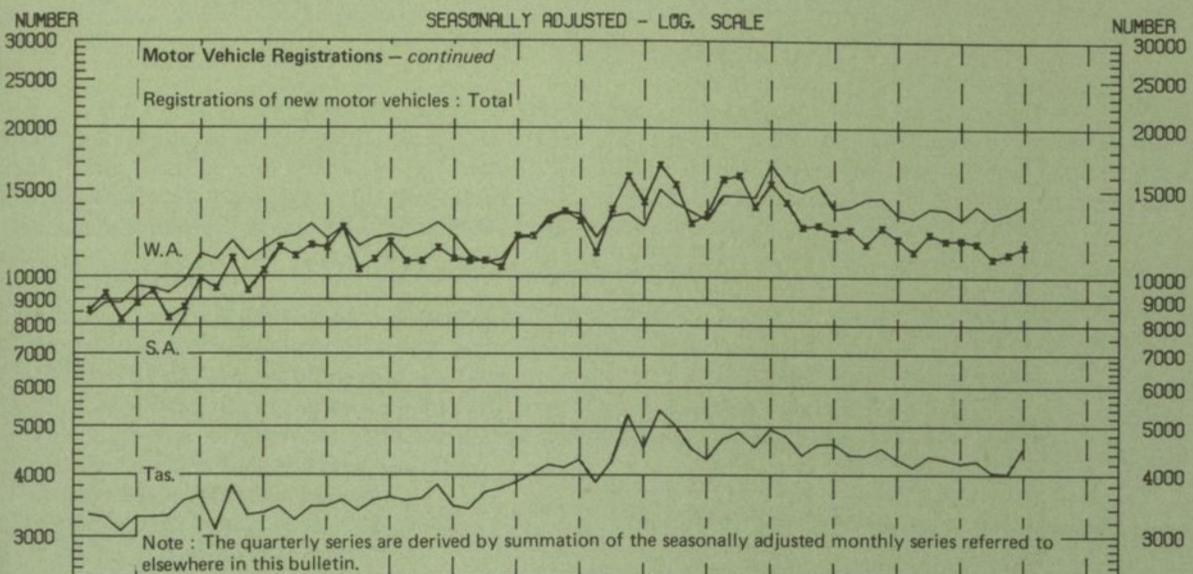


AUSTRALIAN SERIES





STATE SERIES



Note : Change in definition from September quarter 1973. See explanatory notes.



## APPENDIX A

### EXPLANATORY NOTES

The notes on the following pages provide further information on the nature of the *series published in this publication* and references to the publications listed below for further details. The publications referred to are, with few exceptions, those monthly and quarterly statements of the ABS in which subsequent seasonally adjusted figures are to be published. Seasonally adjusted figures for most series will also be included in the *Monthly Summary of Statistics, Australia* (1304.0) and a selection will be included in the *Digest of Current Economic Statistics, Australia* (1305.0).

Australian Bureau of Statistic's publications referred to are:

- 1304.0 Monthly Summary of Statistics, Australia (monthly)
- 1305.0 Digest of Current Economic Statistics, Australia (monthly)
- 5205.0 Quarterly Estimates of National Income and Expenditure, Australia (Preliminary) (quarterly)
- 5206.0 Quarterly Estimates of National Income and Expenditure, Australia (quarterly)
- 5207.0 Historical series of Quarterly Estimates of National Income and Expenditure, Australia (annual)
- 5302.0 Balance of Payments, Australia (quarterly)
- 5602.0 Savings Banks, Australia (monthly)
- 5603.0 Major Trading Banks, Australia (monthly)
- 5605.0 Banking, Australia (quarterly)
- 5608.0 Housing Finance for Owner Occupation, Savings Banks and Trading Banks, Australia (monthly)
- 5609.0 Housing Finance for Owner Occupation, Australia (monthly)
- 5610.0 Housing Finance for Owner Occupation, Permanent Building Societies, Australia (monthly)
- 5625.0 New Capital Expenditure by Private Enterprises in Selected Industries, Australia (Preliminary) (quarterly)
- 5626.0 New Capital Expenditure by Private Enterprises in Selected Industries, Australia (quarterly)
- 6202.0 The Labour Force, Australia (Preliminary) (monthly)
- 6203.0 The Labour Force, Australia (quarterly)
- 6204.0 The Labour Force, Australia (annual)
- 6301.0 Average Weekly Earnings, Australia (Preliminary) (quarterly)
- 6302.0 Average Weekly Earnings, Australia (quarterly)
- 7204.0 Meat, Australia (Preliminary) (monthly)
- 7205.0 Meat, Australia (quarterly) (The December Quarter 1980 edition was the final issue of this publication)
- 7206.0 Meat, Australia (annual)
- 7208.0 Milk, Australia (monthly)
- 7209.0 Dairying and Dairy Products, Australia (annual)
- 8301.0 Production Statistics, Australia (Preliminary) (monthly)
- Production Bulletins (monthly) —
- 8357.0 No. 1 Electricity, Gas and Electrical Appliances, Australia
- 8359.0 No. 3 Food, Drink and Tobacco, Australia
- 8360.0 No. 4 Textiles, Bedding and Floor Coverings, Australia
- 8361.0 No. 5 Building Materials and Fittings, Australia
- 8363.0 No. 7 Motor Vehicles, Parts and Accessories, Australia
- 8364.0 No. 8 Miscellaneous Products, Australia
- 8404.0 Minerals and Mineral Products, Australia (monthly)
- 8412.0 Mineral Exploration, Australia (quarterly)
- 8501.0 Retail Sales of Goods, Australia (monthly)
- 8502.0 Retail Sales of Goods, Australia (Preliminary) (quarterly)
- 8503.0 Retail Sales of Goods, Australia (quarterly)
- 8504.0 Sales and Stocks of Australian Wine and Brandy by Winemakers, Australia (monthly)
- 8702.0 Building Approvals, Australia (monthly)
- 8703.0 Building Statistics, Australia : Number of New Dwellings (Preliminary) (quarterly)
- 8705.0 Building Statistics, Australia (quarterly)
- 9301.0 Registrations of New Motor Vehicles, Australia (Preliminary) (monthly)
- 9303.0 Motor Vehicle Registrations, Australia (quarterly)
- 9304.0 Motor Vehicle Registrations, Australia (annual)

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

### **MINERAL EXPLORATION**

Mineral exploration (other than for petroleum and oil shale). (8412.0)

Expenditure by principal enterprises (p2). Details of expenditure are collected only from the *principal enterprise* undertaking exploration activity. For any quarter these comprise all governmental authorities engaged in mineral exploration, and those private enterprises whose *annual* expenditure on mineral exploration activity is expected to exceed a certain amount (currently \$200,000). *Exploration* consists of the search for, and/or appraisal of new ore occurrences and known deposits of minerals by geological, geophysical, geochemical and other exploration methods (including drilling). This includes construction of shafts and adits primarily for exploration purposes but excludes mine development activities. Exploration for water is excluded. *Exploration expenditure* includes expenditure on aerial surveys, general surveys, report writing, map preparation and other activities indirectly attributable to exploration.

### **MINERAL PRODUCTION**

Black coal (p3). Details of the quantity of black coal produced. (8404.0)

### **AGRICULTURAL PRODUCTION**

Total meat (p4). Production is in terms of fresh meat for human consumption (carcass weight) and includes estimates of meat from animals slaughtered on farms and by country butchers. (7204.0, 7205.0, 7206.0)

Whole milk (p5). Up to June 1978 these data were compiled by the Australian Bureau of Statistics, and included whole milk used for factory butter, non-processed cheese and processed milk products, as well as milk for other purposes (principally fluid milk for domestic purposes). From July 1978 these data have been collected by the Australian Dairy Corporation. (7208.0, 7209.0)

Brokers' and dealers' receivals of taxable wool (p6). Excludes wool received by brokers or dealers (private buyers) on which wool tax has already been paid by other brokers or dealers. (7213.0)

### **MANUFACTURING PRODUCTION (8301.0)**

Electricity (p7). Total generated, including electricity not for sale. (8357.0, 8364.0)

Gas (p8). Available for issue through mains; from July 1969 includes natural gas. (8357.0, 8364.0)

Raw steel (p9). Includes recovery from scrap and from November 1967 continuous cast billets. (8364.0)

Cement (p10). Portland cement. (8361.0)

Clay bricks (p11). (8361.0)

Motor vehicles (p12). Cars, station wagons, utilities, panel vans, trucks and truck type vehicles, omnibuses and ambulances.

Includes vehicles which are disposed of by the manufacturer in a partly finished state. Before July 1963 the series related to the production of motor vehicle bodies assembled from local and imported panels. (8363.0)

Electric motors under 720 watts (p13). Includes those made and incorporated by manufacturers in their own products. (8357.0)

Domestic refrigerators (p14). Electric. (8357.0)

Television sets (p15). Includes combination with radio, etc. From September 1974, includes production of colour television sets. Production of black and white television sets ceased in December 1976. (8357.0)

Textile floor coverings (p16). Includes smooth surfaced and embossed as well as textile based coverings. (8360.0)

Particle board (p17). Resin bonded, excluding wood wool board (cement bonded). (8361.0)

Cotton woven cloth (p18). Cotton woven cloth (including mixtures predominantly of cotton) over 30 cm wide. (8360.0)

Synthetic fibre woven cloth (p19). Synthetic fibre cloth (including mixtures predominately of synthetic fibre) over 30 cm wide. (8360.0)

Woollen yarn (p20). Includes mixtures predominantly of the fibre named. (8360.0)

Beer (p21). From July 1961 to June 1968, monthly production figures include waste beer. All other figures exclude waste beer. (8359.0)

Tobacco and cigarettes (p22). Before July 1971 it included cigars. *Source of original data:* Department of Business and Consumer Affairs from July 1968. (8359.0)

Confectionery (p23). Excludes chocolate sold for further manufacturing purposes. (8359.0)

### **BALANCE OF PAYMENTS**

**Balance of payments, current account (5302.0) –**

Exports f.o.b. (p24). Recorded exports adjusted for balance of payments purposes in respect of coverage and timing.

Coverage adjustments are made mainly to exclude recorded exports where no change of ownership occurs between residents and non-residents of Australia and to include certain transactions where ownership changes but custom entries are not required. Timing adjustments are made to exports to take account of identified differences between the recording of transactions and the actual time ownership changes.

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**BALANCE OF PAYMENTS – *continued***

Imports f.o.b. (p25). Recorded imports adjusted for balance of payments purposes in respect of valuation, as well as adjustments for coverage and timing. The timing and coverage adjustments to imports are similar to those for exports. The import valuation adjustment is necessary to bring the value of recorded imports (based on f.o.b. value for duty) to an "f.o.b. transactions" value basis. Prior to July 1976 an estimated valuation adjustment was applied but since that date the f.o.b. transactions value has been obtained directly from source data.

Balance of Trade (p26). *Exports f.o.b. less Imports f.o.b.*

Invisible credits (p27). *Invisible credits* represent the sale by residents of services to non-residents, property income credits and transfers in cash or kind from non-residents to residents.

Invisible debits (p28). *Invisible debits* represent purchases of services by residents from non-residents, property income debits and transfers in cash or kind by residents to non-residents.

Balance on current account (p29). The *balance on current account* is the *balance of trade* plus *invisible credits* less *invisible debits*.

**CIVILIAN LABOUR FORCE (6202.0, 6203.0, 6204.0)**

Estimates are derived from the population survey which is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The surveys were conducted quarterly until February 1978 and monthly thereafter. The interviews for monthly surveys are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month; the information obtained relating to the week prior to the interview (i.e. the survey week). The survey estimates for February 1978 and subsequent months are based on revised population estimates derived from the results of the 1976 Population Census and were obtained by using a new sample and revised questionnaire. Survey estimates for August 1966 to November 1977 have been revised in order to provide a series as comparable as possible with the February 1978 estimates. Estimates for periods earlier than August 1966 will not be revised. When comparing estimates for February 1978 and subsequent months with those for earlier periods it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas formerly the period was four weeks. This change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.

The estimates relate to all persons aged 15 years and over, except members of the permanent defence forces, certain diplomatic personnel of overseas governments customarily excluded from census and estimated populations, overseas visitors holidaying in Australia and members of non-Australian defence forces (and their dependants) stationed in Australia.

Civilian Labour Force –

Males (p30).

Females (p31).

Persons (p32).

The *labour force* comprises all persons who, during the survey week, were employed or unemployed.

Civilian Labour Force Participation Rate –

Males (p33).

Females (p34).

The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

Employed persons –

Males (p35).

Females (p36).

Persons (p37).

*Employed persons* comprise all those aged 15 years and over who, during the survey week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons), or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers), or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study, or
- (d) were employers or self-employed persons who had a job, business or farm, but were not at work.

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**WAGES AND SALARIES (6301.0, 6302.0)**

Average weekly earnings per employed male unit (p38). The estimates are derived from particulars of employment and wages and salaries recorded on pay-roll tax returns, from other direct collections and from estimates of the unrecorded balance. The figures relate to civilians only. In addition to salary and wage payments at award rates they include earnings of employees not covered by awards, overtime earnings, over-award and bonus payments, payments made in advance or retrospectively during the periods specified. Earnings of managerial and executive staff, and of part-time as well as full-time employees, and of juniors as well as adults, are included.

Because particulars of wages and salaries paid are not available for males and females separately from the sources used for this series, average weekly earnings have been calculated in terms of male units, i.e. total male employees plus a proportion of female employees, the proportion being derived from the estimated ratio of female to male average earnings.

As the number of male units used in calculating average weekly earnings for Australia is the sum of the estimates for the States and Territories, a separate ratio of female to male average earnings for Australia as a whole is not used. The weighted average of the State and Territory ratios has increased from approximately 52.5 per cent in September quarter 1966 to approximately 66.0 per cent in December quarter 1980.

Average weekly ordinary time earnings, full-time non-managerial adult male employees, Australia (p39).

Earnings figures used in calculating this series comprise earnings as for the *average weekly earnings per employed male unit series* (described above), with the exception of overtime earnings and the earnings of part-time employees, juniors and managerial, executive, etc., staff.

**RETAIL TRADE**

**Quarterly retail sales at current prices (8502.0, 8503.0) –**

Food and drink (p40).

Clothing, hardware, electrical, etc. (p42).

All other goods (excluding motor vehicles, parts, petrol, etc.) (p44).

All items (excluding motor vehicles, parts, petrol, etc.) (p46).

The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. The figures up to September quarter 1972 are on a basis comparable with the 1961-62 Census of Retail Establishments. From December quarter 1972 to June quarter 1975 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From September quarter 1975 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments.

**Quarterly retail sales at constant prices (8502.0, 8503.0) –**

Food and drink (p41).

Clothing, hardware, electrical, etc. (p43).

All other goods (excluding motor vehicles, parts, petrol, etc.) (p45).

All items (excluding motor vehicles, parts, petrol, etc.) (p47).

These estimates show the values of the main aggregates of quarterly retail sales revalued in such a way that the direct effects of price changes, which have occurred in the periods under review, have been removed. In concept, they may be thought of as being derived by expressing the value of every component commodity as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price in the base year. It is not possible, in practice, to use this method of revaluation because data on the quantities of retail commodities sold are not obtained in the Quarterly Survey of Retail Establishments. The method adopted is to use independently constructed composite price indexes to effect the revaluation. Aggregates at constant prices are then obtained by summation. The figures up to September quarter 1972 are on a basis comparable with the 1961-62 Census of Retail Establishments. From December quarter 1972 to June quarter 1975 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From September quarter 1975 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments. The estimates up to June quarter 1975 are at average 1968-69 prices. From September quarter 1975 they are at average 1974-75 prices.

**Monthly retail sales (8501.0) –**

All items (excluding motor vehicles, parts, petrol, etc.) (p48). The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. The figures up to June 1969 are on a basis comparable with the 1961-62 Census of Retail Establishments. From July 1969 to March 1976 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From April 1976 the figures are on a basis comparable with the 1973-74 Census of Retail Establishment.

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**MOTOR VEHICLE REGISTRATIONS (9301.0, 9303.0, 9304.0)**

**Registration of new motor vehicles –**

Cars and station wagons (p49).

Other vehicles (p50).

Total (p51).

Registrations processed by the motor vehicle registration authorities in the States and Territories during the period. The figures include new Government-owned vehicles other than those belonging to the defence services but exclude motor cycles, tractors, trailers, caravans, plant and equipment.

**WINE**

**Sales of Australian wine by winemakers (8504.0) –**

Table wine (p52).

Total wine (p53).

These figures relate to wineries with wine sales of 250,000 litres or more in the previous financial year. Sales for exports, sales for ships' stores, sales of imported wine and brandy and inter-winery sales are excluded.

**BUILDING (8703.0, 8705.0)**

**Building approved (8702.0) –**

Number of new private dwellings approved (p64).

Value of total building approved (p65).

**Building commenced –**

Number of new private dwellings commenced (p66).

Value of –

Total new dwellings commenced (p67).

Other building commenced (p68).

Total building commenced (p69).

**Building completed –**

Number of new private dwellings completed (p70).

Value of total building completed (p71).

**Value of work done on –**

New houses (p72).

Total new dwellings (p73).

Other building (p74).

Total building (p75).

With the exception of building approved these statistics are compiled from returns obtained from building contractors, owner-builders and government authorities engaged in the erection of new buildings. Statistics for building approvals are derived from building permits issued by local government authorities and contracts let, and day labour projects authorised by government authorities.

The number of new dwellings relates to individual living units. Values exclude the value of land and represent the estimated value of buildings on completion. From July 1966, the value series include alterations and/or additions of \$10,000 and over. Before July 1966, major additions were included for all States but major alterations were included for New South Wales only. Statistics for alterations and additions to dwellings, valued at \$10,000 and over have been shown separately from July 1973. Alterations and additions to buildings other than dwellings valued at \$10,000 and over continue to be included in the statistics for other building. From July 1975 approval statistics for new dwellings include all new dwellings (previously those valued greater than \$2,000), and for new other building include new other building valued at \$10,000 and over (previously \$2,000) together with alterations and additions (to other building) valued at \$10,000 or more. With these changes the scope of the building approvals and building operations statistics are now identical.

**CAPITAL EXPENDITURE (5625.0, 5626.0)**

**New fixed capital expenditure by private enterprises –**

New building and structures (p66).

Other new capital equipment (p67).

Mining (p68).

Manufacturing (p69).

Finance, property and business services (p70).

Other industries (p71).

Total new fixed capital expenditure (p72).

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**CAPITAL EXPENDITURE – *continued***

Statistics to September quarter 1973 are derived from returns obtained from private businesses subject to pay-roll tax (other than rural, professional, gas and electricity), from government banks and airlines, and from other businesses not subject to pay-roll tax undertaking projects of more than \$500,000 in any half-year.

From December quarter 1973, statistics are derived from a sample of private business enterprises recorded on the ABS' Central Integrated Register of business units engaged in economic activity in Australia other than enterprises engaged primarily in rural, construction and community service activities. The survey now includes businesses not subject to pay-roll tax and expenditure on assets purchased by one enterprise for leasing to another enterprise. All government enterprises are now outside the scope of the survey.

**TAXATION REVENUE (1305.0)**

Commonwealth and State Government Consolidated Revenue Funds (p73). Obtained from monthly statements of consolidated revenue and expenditure issued by the Commonwealth Treasury and State Treasuries. Excludes any taxation collections paid directly to trust funds.

**MONEY SUPPLY**

**Volume of money** – The *Banking Act* 1959 ceased to apply to Papua New Guinea from November 1973. All figures have been tabulated and graphed to exclude Papua New Guinea from July 1973, with the exception of notes and coin in the hands of the public. Source of original data : Reserve Bank of Australia *Statistical Bulletin* (also includes seasonally adjusted data). (5605.0)

**Definition M1** (p74). Includes notes and coin in the hands of the public plus current deposits with all trading banks (excluding Commonwealth and State Government and inter-bank deposits), and current deposits of the public with the Reserve Bank of Australia. The series are average of weekly figures (reported as at each Wednesday) for the month.

**Definition M2** (p75). Includes all components of Definition M1 plus fixed deposits with all trading banks (excluding Commonwealth and State Government and inter-bank deposits), fixed deposits of the public with the Reserve Bank of Australia, and certificate of deposits with all trading banks (excluding Commonwealth and State Government and bank holdings since June 1974). Series are average of weekly figures (reported as at each Wednesday) for the month.

**Definition M3** (p76). Includes all components of Definition M2 plus deposits with all savings banks. The deposits series with all savings banks is the interpolated "weekly average" based on end-month figures. From June 1975 the figures reflect a change in accounting procedures by one savings bank.

**BANKING (5605.0)**

**Saving banks** –

Depositors' balances (p77). Particulars for the Commonwealth Savings Bank, The State Bank of Victoria, The Savings Bank of South Australia, The Rural and Industries Bank of Western Australia and The Hobart Savings Bank relate to the end of the month, those for The Launceston Bank for Savings to the last Monday in the month, and those for the other savings banks to the last Wednesday in the month. From June 1975 the figures reflect a change in accounting procedures by one bank. The series excludes external territories. (5602.0)

**Major trading banks** (5603.0, 5605.0) Major trading banks comprise the Commonwealth Trading Bank, Australia and New Zealand Banking Group Ltd, The Bank of Adelaide, Bank of New South Wales, The Commercial Bank of Australia Ltd, The Commercial Banking Company of Sydney Ltd, The National Bank of Australasia Ltd. Figures are the average of weekly returns (usually reported as at each Wednesday) for the month. The series include external territories. The *Banking Act* 1959 ceased to apply to Papua New Guinea from November 1973. All figures have been tabulated and graphed to exclude Papua New Guinea from July 1973.

**Total deposits** (p78).

**Loans, advances and bills discounted** (p79). From January 1978 the figures reflect a change in accounting procedures by some banks.

**Liquid assets and Australian Government securities** (p80). Includes notes, coin, cash with the Reserve Bank of Australia, Treasury bills, notes and other Australian Government securities.

**New and increased lending commitments** (p81). This series comprises formal new and increased lending commitments for term loans, farm development loans, overdrafts, bridging finance, personal instalment loans and lease financing; commitments in respect of temporary advances to wool buyers are excluded. Caution needs to be exercised in interpreting the series particularly over short periods as the figures represent gross new lending commitments by banks and do not take into account commitments from earlier periods which have been cancelled or reduced. Source of original data : Reserve Bank of Australia *Statistical Bulletin* (also includes seasonally adjusted data).

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**HOUSING FINANCE (5608.0, 5609.0, 5610.0)**

**Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings –**

Construction of dwellings and purchase of new and established dwellings –

Number of dwelling units for which loans have been approved by –

Savings banks (p82).

Trading banks (p83).

Permanent building societies (p84).

Value of loans approved by –

Savings banks (p85).

Trading banks (p86).

Permanent building societies (p87).

These figures relate to secured finance approved by banks and permanent building societies to individuals for the construction or purchase of dwellings, where those individuals will occupy the dwellings. A loan approved is a firm commitment to advance funds. Loans approved for amounts additional to loans previously approved are included.

Number of dwelling units refers to the number of houses and other dwellings for which loans have been approved. If amounts additional to the original loan are approved to complete purchase or construction, the number of dwellings involved is not restated. Purchase of newly erected dwellings represents the purchases of dwellings which have been completed within a period of twelve months preceding the date of purchase where the purchaser is, or will be, the first occupant.

Figures from October 1975 are not strictly comparable with those for earlier months because as from that month

- (a) approvals of alterations and additions estimated to cost \$10,000 or more (previously included) are excluded,
- (b) purchase of dwellings not previously occupied was replaced with more precisely defined construction of dwellings and purchase of newly erected dwellings,
- (c) approvals for savings and trading banks exclude any lending for commercial purposes (previously a small component was included),
- (d) statistics for permanent building societies are based on a selected coverage of major societies rather than a complete coverage. The permanent building societies included are responsible for more than 99% of the lending of all permanent building societies, and
- (e) data for trading banks prior to October 1975 were derived by the Reserve Bank.

**NATIONAL ACCOUNTS**

**National accounts at current prices (5205.0, 5206.0, 5207.0) –**

Gross domestic product –

Total gross domestic product (p88). The total market value of goods and services produced in Australia within a given period after deduction of the cost of goods and services used up in the process of production, but before deducting allowances for the consumption of fixed capital.

Gross farm product (p90). That part of gross domestic product arising from production in agriculture and services to agriculture.

Gross non-farm product (p92). That part of gross domestic product arising from production in all industries other than agriculture and services to agriculture.

Gross national expenditure (p94). Total expenditure within a period on final goods and services bought by Australian residents.

Final consumption expenditure –

Private (p96). Expenditure on goods and services for consumption by persons and private non-profit organisations serving households. Includes personal expenditure on motor vehicles and other durable goods and the imputed rent of owner-occupied dwellings, but excludes purchases of dwellings. Also excludes consumer debt interest.

Government (p98). Expenditure by public authorities (other than those classified as public enterprises) on wages, salaries and supplements, and on goods and services other than expenditures which result in the creation or the acquisition of fixed tangible assets or an increase in stocks. Charges for goods sold or services rendered are offset against purchases. Net expenditure overseas by general government bodies and purchases from public authorities are included. All expenditure on defence is classified as final consumption expenditure.

Gross fixed capital expenditure –

Total (p100). Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on dwellings, other building and construction, vehicles, plant, machinery, etc., but excludes expenditure on fixed assets for defence purposes. It includes expenditure on second-hand assets, as well as new assets, less sales of existing assets. Expenditure on ordinary repair and maintenance is excluded. All expenditure on roads, including maintenance, however, is classified as capital expenditure.

**APPENDIX A – *continued***  
**EXPLANATORY NOTES – *continued***

**NATIONAL ACCOUNTS – *continued***

Private (p102). Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on second-hand assets as well as new assets, less sales of existing assets. Dwellings purchased by persons from public housing authorities are included in private capital expenditure.

Public (p104). Expenditure on fixed assets, whether for additions or replacements, other than for defence purposes. Because it has been impossible to make a satisfactory dissection, all expenditure on roads, including maintenance, is classified as capital expenditure.

Increase in stocks –

Private non-farm (p106). The increase in stocks held by private non-farm enterprises, obtained after adjusting the increase in book value of stocks by the stock valuation adjustment.

Gross operating surplus –

Trading enterprises –  
The operating surplus before deduction of depreciation provisions, dividends, interest, royalties and land rent, and direct taxes payable, but after deducting stock valuation adjustment, of all trading enterprises from operations in Australia. It is the excess of gross output over the sum of intermediate consumption, wages, salaries and supplements and indirect taxes less subsidies. *Gross operating surplus* includes third party motor vehicle and public risk insurance claims paid to persons in respect of policies taken out by enterprises.

Companies (p108).

Other (p109). Includes public enterprises, partnerships, and sole proprietors engaged in the production of goods and services for sale. All dwellings are included whether let or occupied by the owner.

Wages, salaries and supplements (p110). Payments in the nature of wages and salaries, including allowances for income in kind (board and quarters, etc.), together with supplements to wages and pay and allowances of members of the forces. Supplements consist of employers' contributions to pension and superannuation funds, direct payments of pensions and retiring allowances, and amounts paid as workers' compensation for injuries.

Gross domestic product at factor cost (p111). That part of the cost of producing *Gross domestic product* (described above) which consists of gross payments to the factors of production (labour, land, capital and enterprise). It represents the value added by these factors in the process of production and is equivalent to *Gross domestic product less Indirect taxes less subsidies*.

Indirect taxes less subsidies (p112). Indirect taxes are taxes assessed on producers, that is, enterprises and general government, in respect of the production, sale, purchase or use of goods and services, which are charged to the expenses of production. Subsidies include all grants made by general government to enterprises which are credited to their production accounts.

Household disposable income (p113). *Household income* less income tax paid by persons, estate and gift duties and all other taxes, fees for services of a regulatory character, fines and gifts paid by persons to general government, consumer debt interest and transfers to overseas. Household income is the total income whether in cash or kind, received by persons normally resident in Australia in return for productive activity (such as wages and supplements, incomes of unincorporated enterprises, etc.) and transfer incomes (such as cash social service benefits, interest, etc.). It includes the imputed interest of life offices and superannuation funds, which is the benefit accruing to policy holders and members from investment income of the funds. However, it excludes any income which might be said to accrue to persons in the form of undistributed company income. It also includes any property income received by non-profit organisations such as private schools, churches, charitable organisations, etc.

Household saving (p114). Derived as a balancing item as the difference between *household disposable income* and *private final consumption expenditure*.

Household saving ratio (p115). The ratio of *household saving* to *household disposable income*.

**National accounts at average 1974-75 prices (5205.0, 5206.0, 5207.0) –**

These estimates show the values of gross domestic product and some of its main aggregates revalued in such a way that the direct effects of price changes which have occurred over the periods under review have been removed. In concept, they may be thought of as being derived by expressing the value of every component transaction as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price for the base year 1974-75. Aggregates at average 1974-75 prices for each period are then obtained by summation. For many components it is not possible in practice to use this method of revaluation because quantity data are not available. The method adopted in these cases is to effect the revaluation by means of independently constructed composite price indexes.

Gross domestic product –

Total (p89).

Gross farm product (p91).

Gross non-farm product (p93).

Gross national expenditure (p95).

**APPENDIX A — *continued***  
**EXPLANATORY NOTES — *continued***

**NATIONAL ACCOUNTS — *continued***

Final consumption expenditure —

    Private (p97).

    Government (p99).

Gross fixed capital expenditure —

    Total (p101).

    Private (p103).

    Public (p105).

Increase in stocks —

    Private non-farm (p107).



## APPENDIX B

### METHODS OF ADJUSTMENT EMPLOYED

1. The seasonally adjusted series given in this publication and in other publications of the ABS (and certain other organisations), have been calculated by means of computer programs of the Census Method II, X-11 Variant (for monthly series) and the X-11Q Variant (for quarterly series). Some of the series adjusted are issued in publications of the Reserve Bank of Australia and the Department of Employment and Youth Affairs. As described in paragraphs 16 to 19 of the notes on "Seasonal Adjustment Methods", the manner in which these programs have been employed for each series depends on the selection made from among alternative optional procedures allowed for in the programs. The selection of specific program options for each individual series has been guided by initial analyses using standard options, as well as evidence from special analyses.

2. Moving averages for trend in monthly series are options specified in accordance with moving averages selected by the X-11 program in analyses made beforehand. Moving averages for monthly seasonal factors are standard (3x5-term) except where alternative options are specified. The X-11Q program has only standard moving averages for trend (5-term) and seasonal factors (3x5-term).

3. Users should particularly note whether use has been made of trading-day adjustment and of prior adjustment for the effects of movable holidays, namely Easter and Australia Day, since their application can materially affect the results obtained and the interpretation to be placed on them. Adjustments for trading-day effects and the effects of movable Easter and Australia Day holidays have been applied to series where special analyses made beforehand have shown that variations, arising from these effects, in the number of trading or working days in the month have significantly affected the series. For some of the series subject to trading-day adjustment, however, the results of analyses have not warranted further adjustment for Easter or Australia Day affects.

4. In seasonally adjusting the series by means of the X-11 and X-11Q programs certain program options not referred to in the following table were used. Details of these options are :

- (a) Multiplicative adjustment has been used for all series, with the exception of some components of the National Accounts series that have been additively adjusted.
- (b) Trading-day adjustments, where applied to monthly series, have been based upon prior daily weights derived from analyses made beforehand and applied to the entire series. Where trading-day adjustments have been applied, allowance for the length of month or quarter has been combined with trading-day factors.
- (c) Limits for the graduated treatment of extremes of 1.5 and 2.5 standard errors have been used for all series.

5. Some of the components of the National Accounts series are not amenable to adjustment by the X-11Q program, and special adjustments are used. The series so adjusted are identified in Table 2.

6. The application of other X-11 and X-11Q program options for each seasonally adjusted series published by the ABS in this or other publications are as set out in the following tables, with the exception of those State series where adjustments are not available for a majority of the States. Program options used are given in Tables 1 and 2 for Australian series and in Table 3 for State series.

APPENDIX B - *continued*

TABLE 1. AUSTRALIAN SERIES

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
<b>MINERAL EXPLORATION -</b>							
Mineral Exploration (Other than for petroleum and oil shale) -							
Expenditure by principal enterprises	2	5	3x5	no	no	no	no
<b>MINERAL PRODUCTION -</b>							
Black coal	3	13	3x9	(a)	(a)	(a)	(a)
<b>AGRICULTURAL PRODUCTION -</b>							
Beef	**	13	3x9	yes(b)	yes	yes	no
Veal	**	13	3x9	yes(b)	yes	yes	no
Mutton	**	13	3x5	yes(b)	yes	yes	no
Lamb	**	13	3x9	yes(b)	yes	yes	no
Pigmeat	**	13	3x9	yes(c)	yes	yes	no
Total meat †	4	..	..	..	..	..	..
Whole milk	5	13	3x5	yes	no	no	no
Brokers and dealers receivals of taxable wool †	6	..	..	..	..	..	..
<b>MANUFACTURING PRODUCTION -</b>							
Electricity	7	23	3x9	yes	yes	yes	no
Gas	8	13	3x5	yes	no	no	yes(d)
Raw steel	9	13	3x9	yes	no	no	yes(e)
Pig iron	**	13	3x9	yes	no	no	no
Blooms and slabs	**	13	3x9	yes	yes	yes	no
Tinplate	**	13	3x9	yes	yes	no	no
Cement	10	23	3x9	yes	yes	no	yes(e)
Clay bricks	11	13	3x9	yes	yes	yes	yes(e)
Sulphuric acid	**	13	3x9	yes	no	yes	yes(f)
Motor vehicles	12	13	3x9	yes	yes	yes	yes(e)(g)(h)
Cars and station wagons	**	13	3x9	yes	yes	no	yes(e)(g)(h)
Utilities and panel vans	**	13	3x9	no	yes	no	yes(e)(g)
Trucks and truck type vehicles	**	13	3x9	yes	yes	no	yes(e)(g)(h)
Electric motors under 720W	13	13	3x9	yes(i)	yes	yes	yes(e)(g)
Electric motors 720W and over	**	23	3x9	no	yes	yes	yes(e)(g)
Internal combustion engines	**	13	3x9	no	yes	no	yes(j)
Lawn mowers	**	13	3x5	no	no	no	yes(j)
Domestic refrigerators	14	13	3x9	yes	yes	yes	yes(e)(g)(k)
Clothes washing machines	**	13	3x9	yes	yes	yes	yes(g)
Television sets	15	13	3x5	yes	yes	yes	yes(g)
Textile floor coverings	16	13	3x9	yes	yes	yes	yes(e)(g)
Particle board	17	13	3x9	yes	no	no	yes(e)(l)
Cotton woven cloth	18	13	3x9	yes(i)	yes	yes	yes(g)
Woollen and worsted woven cloth	**	13	3x9	yes	yes	yes	yes(e)(g)
Synthetic fibre woven cloth	19	13	3x9	yes	yes	no	yes(e)(g)
Cellulosic fibre woven cloth	**	13	3x9	yes	yes	no	yes(e)(g)
Cotton yarn	**	13	3x9	yes	yes	no	yes(e)(g)
Woollen yarn	20	13	3x9	yes	yes	no	yes(e)(g)(m)
Beer	21	23	3x9	yes	yes	yes	no
Tobacco and cigarettes	22	23+	3x9	yes	yes	yes	yes(e)(g)
Chocolate-based confectionery	**	13	3x9	yes	yes	yes	no
Other confectionery	**	23	3x9	yes	yes	yes	no
Confectionery †	23	..	..	..	..	..	..

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
<b>MERCHANDISE TRADE -</b>							
Exports and Imports of Merchandise at Current Prices -							
Exports of merchandise -							
Rural origin	**	5	3x5	no	no	no	no
Non-rural origin	**	5	3x5	no	no	no	no
Total †	**	..	..	..	..	..	..
Imports of merchandise	**	5	3x5	no	no	no	no
Exports and Imports of Merchandise at Average 1974-75 Prices -							
Exports of merchandise -							
Rural origin	**	5	3x5	no	no	no	no
Non-rural origin	**	5	3x5	no	no	no	no
Total †	**	..	..	..	..	..	..
Imports of merchandise	**	5	3x5	no	no	no	no
<b>BALANCE OF PAYMENTS -</b>							
Balance of Payments, Current Account -							
Visible trade -							
Exports f.o.b. (monthly)	**	13	3x9	yes	no	no	no
Imports f.o.b. (monthly)	**	13	3x9	yes	no	no	no
Exports f.o.b.	24	5	3x5	no	no	no	no
Imports f.o.b.	25	5	3x5	no	no	no	no
Balance of trade †	26	..	..	..	..	..	..
Invisible credits -							
Gold production †	**	..	..	..	..	..	..
Transportation †	**	..	..	..	..	..	..
Travel	**	5	3x5	no	no	no	yes(n)(o)
Government †	**	..	..	..	..	..	..
Miscellaneous †	**	..	..	..	..	..	..
Property income †	**	..	..	..	..	..	..
Transfers †	**	..	..	..	..	..	..
Total invisible credits †	27	..	..	..	..	..	..
Invisible debits -							
Freight on imports	**	5	3x5	no	no	no	no
Other transportation †	**	..	..	..	..	..	..
Travel	**	5	3x5	no	no	no	yes(p)
Government †	**	..	..	..	..	..	..
Miscellaneous †	**	..	..	..	..	..	..
Property income -							
Undistributed investment income*	**	..	..	..	..	..	..
Other investment income †	**						
Royalties and copyrights	**	5	3x5	no	no	no	no
Government transfers †	**	..	..	..	..	..	..
Private transfers †	**	..	..	..	..	..	..
Total invisible debits †	28	..	..	..	..	..	..
Net invisibles †	**	..	..	..	..	..	..
Balance on current account †	29	..	..	..	..	..	..

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
<b>MIGRATION -</b>							
Short term visitors arriving †	**	..	..	..	..	..	..
Total arrivals †	**	..	..	..	..	..	..
Short term Australian residents departing	**	13	3x5	yes	no	yes	yes(q)
Total departures †	**	..	..	..	..	..	..
<b>CIVILIAN LABOUR FORCE -</b>							
Civilian labour force -							
Males	30	5	3x5	no	no	no	no
Married women	**	5	3x5	no	no	no	no
All females	31	5	3x5	no	no	no	no
Persons	32	5	3x5	no	no	no	no
Participation rates -							
Males	33	5	3x5	no	no	no	no
Married women	**	5	3x5	no	no	no	no
All females	34	5	3x5	no	no	no	no
Persons	**	5	3x5	no	no	no	no
Employed persons -							
Males	35	5	3x5	no	no	no	no
Married women	**	5	3x5	no	no	no	no
All females	36	5	3x5	no	no	no	no
Persons	37	5	3x5	no	no	no	no
<b>OVERTIME -</b>							
Survey of Overtime in Larger Private Factories (C.E.S.)	**	9	3x5	no	no	no	yes(r)
<b>WAGES AND SALARIES -</b>							
Average weekly earnings per employed male unit (s)	38	13	3x5	no	no	no	yes(t)
Average weekly ordinary time earnings, full-time non-managerial adult male employees	39	5	3x5	no	no	no	yes(t)
<b>RETAIL TRADE -</b>							
Quarterly Retail Sales at Current Prices -							
Food and drink †	40	..	..	..	..	..	..
Groceries	**	5	3x5	yes	yes	no	yes(u)(v)
Butchers' meat	**	5	3x5	yes	yes	no	yes(u)(v)
Other food	**	5	3x5	yes	yes	no	yes(u)(v)
Beer, wine and spirits	**	5	3x5	yes	yes	no	yes(u)(v)
Clothing, hardware, electrical, etc. †	42	..	..	..	..	..	..
Clothing and drapery	**	5	3x5	yes	yes	no	yes(u)(v)
Footwear	**	5	3x5	yes	yes	no	yes(u)(v)(w)
Hardware, china and glassware	**	5	3x5	yes	yes	no	yes(u)(v)(x)
Electrical goods	**	5	3x5	yes	yes	no	yes(u)(v)(y)
Furniture and floor coverings	**	5	3x5	yes	yes	no	yes(u)(v)(z)

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
<b>RETAIL TRADE - <i>continued</i></b>							
All other goods (excl. motor vehicles, parts, petrol, etc.) †	44	..	..	..	..	..	..
Chemists' goods	**	5	3x5	yes	no	no	yes(u)(v)
Newspapers, books and stationery	**	5	3x5	yes	no	no	yes(u)(v)
Other goods (excl. motor vehicles, parts, petrol, etc.)	**	5	3x5	yes	no	no	yes(u)(v)
All items (excl. motor vehicles, parts, petrol, etc.) †	46	..	..	..	..	..	..
<b>Quarterly Retail Sales at Constant Prices -</b>							
Food and drink †	41	..	..	..	..	..	..
Clothing, hardware, electrical, etc. †	43	..	..	..	..	..	..
All other goods (excl. motor vehicles, parts, petrol, etc.) †	45	..	..	..	..	..	..
All items (excl. motor vehicles, parts, petrol, etc.) †	47	..	..	..	..	..	..
<b>Monthly Retail Sales -</b>							
All items (excl. motor vehicles, parts, petrol, etc.)	48	9	3x5	yes	yes	yes	yes(g)(aa)(ab) (ac)(ad)(ae)(af)
<b>MOTOR VEHICLE REGISTRATIONS -</b>							
<b>Registrations of New Motor Vehicles -</b>							
Cars and station wagons	49	13	3x9	yes	yes	no	no
Other vehicles	50	13	3x9	yes	yes	no	no
Total †	51	..	..	..	..	..	..
<b>WINE -</b>							
<b>Sales of Australian Wine by Winemakers -</b>							
Dry white	**	13	3x5	no	no	no	no
Dry red	**	13	3x5	no	no	no	no
Table wine	52	13	3x5	no	no	no	no
Sparkling	**	23	3x5	no	no	no	no
Total wine	53	23+	3x5	no	no	no	no
<b>TRACTORS -</b>							
New Wheeled Tractors Sold for Agricultural Purposes	**	5	3x5	no	yes	no	yes(g)(ag)
<b>ROAD TRAFFIC ACCIDENTS -</b>							
Persons killed	**	23	3x9	yes	yes	yes	no
Persons injured	**	5	3x5	no	yes+	no	yes(ah)
Number of accidents	**	5	3x5	no	yes+	no	yes(ah)

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

<i>Series description</i>	<i>Page no.</i>	<i>Number of terms used in moving averages for</i>		<i>Adjustment made for</i>				
		<i>Trend</i>	<i>Seasonal factors</i>	<i>Trading - day variation</i>	<i>Easter</i>	<i>Australia Day</i>	<i>Other influences</i>	
<b>BUILDING —</b>								
<b>Building Approved —</b>								
Number of —								
Total new dwellings approved	**	13	3x9	yes	yes	yes	yes(g)	
New private dwellings approved	54	13	3x9	yes	yes	yes	yes(g)	
Value of —								
Total new dwellings approved	**	13	3x9	yes	yes	yes	yes(g)	
Alterations and additions to dwellings	**	13	3x9	yes	no	no	no	
Total building approved	55	13	3x9	yes	yes	no	yes(ai)	
<b>Building Commenced —</b>								
Number of —								
Total new dwellings commenced	**	5	3x5	no	no	no	no	
New private dwellings commenced	56	5	3x5	no	no	no	no	
New houses commenced	**	5	3x5	no	no	no	no	
Other new dwellings commenced	**	5	3x5	no	no	no	no	
Value of —								
Total new dwellings commenced	57	5	3x5	no	no	no	no	
Other building commenced	58	5	3x5	no	no	no	no	
Total building commenced	59	5	3x5	no	no	no	no	
<b>Building Under Construction —</b>								
Number of —								
Total new dwellings under construction	**	5	3x5	no	no	no	no	
<b>Building Completed —</b>								
Number of —								
Total new dwellings completed	**	5	3x5	no	no	no	no	
New private dwellings completed	60	5	3x5	no	no	no	no	
New houses completed	**	5	3x5	no	no	no	no	
Other new dwellings completed	**	5	3x5	no	no	no	no	
Value of —								
Total new dwellings completed	**	5	3x5	no	no	no	no	
Alterations and additions to dwellings completed	**	5	3x5	no	no	no	no	
Other building completed	**	5	3x5	no	no	no	no	
Private other building completed	**	5	3x5	no	no	no	no	
Total building completed	61	5	3x5	no	no	no	no	
<b>Value of Work Done on —</b>								
New houses	62	5	3x5	no	no	no	no	
Other new dwellings	**	5	3x5	no	no	no	no	
Total new dwellings	63	5	3x5	no	no	no	no	
Alterations and additions to dwellings	**	5	3x5	no	no	no	no	
Other building	64	5	3x5	no	no	no	no	
Private other building	**	5	3x5	no	no	no	no	
Total building	65	5	3x5	no	no	no	no	

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
<b>CAPITAL EXPENDITURE -</b>							
Actual New Fixed Capital Expenditure by Private Enterprises -							
New buildings and structures -							
Mining	**	5	3x5	no	no	no	yes(aj)
Manufacturing	**	5	3x5	no	no	no	yes(aj)
Finance, property and business services	**	5	3x5	no	no	no	yes(aj)
Other industries	**	5	3x5	no	no	no	yes(aj)
All industries	66	5	3x5	no	no	no	yes(ak)
Other new capital equipment -							
Mining	**	5	3x5	no	no	no	yes(aj)
Manufacturing	**	5	3x5	no	no	no	yes(aj)
Finance, property and business services	**	5	3x5	no	no	no	yes(aj)
Other industries	**	5	3x5	no	no	no	yes(aj)(al)
All industries	67	5	3x5	no	no	no	yes(ak)
Total new capital expenditure -							
Mining	68	5	3x5	no	no	no	yes(aj)
Manufacturing	69	5	3x5	no	no	no	yes(aj)
Food, beverages and tobacco	**	5	3x5	no	no	no	yes(aj)
Paper and printing	**	5	3x5	no	no	no	yes(aj)
Chemicals	**	5	3x5	no	yes	no	yes(aj)
Basic metal products	**	5	3x5	no	no	no	yes(aj)
Fabricated metal products	**	5	3x5	no	no	no	no
Other manufacturing	**	5	3x5	no	no	no	yes(aj)
Finance, property and business services	70	5	3x5	no	no	no	yes(aj)
Other industries	71	5	3x5	no	no	no	yes(aj)(al)
Wholesale trade	**	5	3x5	no	no	no	no
Retail trade	**	5	3x5	no	no	no	yes(aj)
Other non-manufacturing	**	5	3x5	no	no	no	yes(aj)
All industries	72	5	3x5	no	no	no	yes(ak)
<b>Expected New Fixed Capital Expenditure by Private Enterprises -</b>							
New buildings and structures -							
Mining*	**	..	..	..	..	..	..
Manufacturing*	**	..	..	..	..	..	..
Finance, property and business services (am)	**	5	3x5	no	no	no	no
Other industries (am)	**	5	3x5	no	no	no	no
All industries †	**	..	..	..	..	..	..
Other new capital equipment -							
Mining*	**	..	..	..	..	..	..
Manufacturing*	**	..	..	..	..	..	..
Finance, property and business services*	**	..	..	..	..	..	..
Other industries*	**	..	..	..	..	..	..
All industries*	**	..	..	..	..	..	..
Total new capital expenditure -							
Mining*	**	..	..	..	..	..	..
Manufacturing*	**	..	..	..	..	..	..
Finance, property and business services †	**	..	..	..	..	..	..
Other industries †	**	..	..	..	..	..	..
All industries †	**	..	..	..	..	..	..

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

<i>Series description</i>	<i>Page no.</i>	<i>Number of terms used in moving averages for</i>		<i>Adjustment made for</i>			
		<i>Trend</i>	<i>Seasonal factors</i>	<i>Trading - day variation</i>	<i>Easter</i>	<i>Australia Day</i>	<i>Other influences</i>
<b>MANUFACTURERS' SALES -</b>							
Actual Sales by Private Manufacturing Enterprises at Current Prices -							
Total	**	5	3x5	no	no	no	no
Actual Sales by Private Manufacturing Enterprises at Average 1974-75 Prices -							
Total	**	5	3x5	no	no	no	no
<b>STOCKS -</b>							
Stocks Owned by Private Enterprises at Current Prices -							
Manufacturing -							
Food, beverages and tobacco	**	5	3x5	no	no	no	yes(an)(ao)
Textiles, clothing and footwear	**	5	3x5	no	no	no	yes(an)(ao)
Paper, paper products, printing and publishing*	**	..	..	..	..	..	..
Chemical, petroleum and coal products	**	5	3x5	no	no	no	yes(an)(ao)
Basic metal products*	**	..	..	..	..	..	..
Transport equipment	**	5	3x5	no	no	no	yes(an)(ao)
Fabricated metal products, other machinery and equipment*	**	..	..	..	..	..	..
Other manufacturing	**	5	3x5	no	no	no	yes(an)(ao)
Total manufacturing	**	5	3x5	no	no	no	yes(an)(ao)
Wholesale trade	**	5	3x5	no	no	no	yes(an)(ao)
Retail trade	**	5	3x5	no	no	no	yes(an)(ao)
Other †	**	..	..	..	..	..	..
Total	**	5	3x5	no	no	no	yes(an)(ao)
Stocks Owned by Private Enterprises at Average 1974-75 Prices -							
Manufacturing	**	5	3x5	no	no	no	yes(an)(ao)
Other industries*	**	..	..	..	..	..	..
Total †	**	..	..	..	..	..	..
<b>TAXATION REVENUE -</b>							
Commonwealth and State Government consolidated revenue funds †	73	..	..	..	..	..	..
<b>MONEY SUPPLY -</b>							
Volume of Money -							
Definition M <sub>1</sub> †	74	..	..	..	..	..	..
Definition M <sub>2</sub> †	75	..	..	..	..	..	..
Definition M <sub>3</sub> †	76	..	..	..	..	..	..

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
BANKING -							
Savings Banks -							
Depositors' balances	77	9	3x5	no	no	no	yes(ap)(aq)
Major Trading Banks -							
Total deposits †	78	..	..	..	..	..	..
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.)	**	9	3x5	no	no	no	yes(ar)(as)(at)
Total loans, advances, etc.	79	9	3x5	no	no	no	yes(ar)(as)(at)
Liquid assets and Commonwealth Government securities	80	9	3x5	no	no	no	yes(ar)
New and increased lending commitments †	81	..	..	..	..	..	..
Overdraft limits outstanding	**	9	3x5	no	no	no	yes(ar)(at)
HOUSING FINANCE -							
Housing Finance for Owner Occupation,							
Loans Approved to Individuals for Construction or Purchase of Dwellings -							
Construction of dwellings and purchase of newly erected dwellings -							
Number of dwelling units for which loans have been approved by -							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	13	3x9	yes	yes	no	no
Permanent building societies	**	9	3x5	yes	yes	no	no
Value of loans approved by -							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	13	3x9	yes	yes	no	no
Permanent building societies	**	9	3x5	yes	yes	no	no
Purchase of established dwellings -							
Number of dwelling units for which loans have been approved by -							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	13	3x9	yes	yes	no	no
Permanent building societies	**	9	3x5	yes	yes	no	no
Value of loans approved by -							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	9	3x5	yes	yes	no	no
Permanent building societies	**	9	3x5	yes	yes	no	no
Total -							
Number of dwelling units for which loans have been approved by -							
Savings banks †	82	..	..	..	..	..	..
Trading banks †	83	..	..	..	..	..	..
Permanent building societies †	84	..	..	..	..	..	..
Value of loans approved by -							
Savings banks †	85	..	..	..	..	..	..
Trading banks †	86	..	..	..	..	..	..
Permanent building societies †	87	..	..	..	..	..	..

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

<i>Series description</i>	<i>Page no.</i>	<i>Number of terms used in moving averages for</i>		<i>Adjustment made for</i>				
		<i>Trend</i>	<i>Seasonal factors</i>	<i>Trading - day variation</i>	<i>Easter</i>	<i>Australia Day</i>	<i>Other influences</i>	
<b>NATIONAL ACCOUNTS -</b>								
<b>National Accounts at Current Prices -</b>								
Household Income -								
Wages, salaries and supplements	110	5	3x5	no	no	no	yes(t)	
Income of farm unincorporated enterprises †	**	..	..	..	..	..	..	
Income of other unincorporated enterprises and from dwellings and interest and dividends †	**	..	..	..	..	..	..	
Third party insurance transfers*	**	..	..	..	..	..	..	
Transfers from overseas †	**	..	..	..	..	..	..	
Transfers from general government -								
Cash benefits †	**	..	..	..	..	..	..	
Unfunded employee retirement benefits*	**	..	..	..	..	..	..	
Total †	**	..	..	..	..	..	..	
Household Outlay -								
Private final consumption †	96	..	..	..	..	..	..	
Consumer debt interest*	**	..	..	..	..	..	..	
Income tax paid †	**	..	..	..	..	..	..	
Other direct taxes, fees, fines, etc. †	**	..	..	..	..	..	..	
Transfers overseas †	**	..	..	..	..	..	..	
Savings †	114	..	..	..	..	..	..	
Total †	**	..	..	..	..	..	..	
Household Disposable Income †	113	..	..	..	..	..	..	
Household Saving Ratio (au)	115	..	..	..	..	..	..	
Gross Domestic Product -								
Gross farm product †	90	..	..	..	..	..	..	
Gross non-farm product †	92	..	..	..	..	..	..	
Total †	88	..	..	..	..	..	..	
Gross Domestic Product at Factor Cost †	111	..	..	..	..	..	..	
Gross Operating Surplus -								
Trading enterprises -								
Companies †	108	..	..	..	..	..	..	
Dwellings owned by persons	**	5	3x5	no	no	no	yes(av)	
Public enterprises	**	5	3x5	no	no	no	no	
Other †	109	..	..	..	..	..	..	
Financial enterprises less imputed bank service charge (aw)	**	..	..	..	..	..	..	
Indirect Taxes less Subsidies †	112	..	..	..	..	..	..	

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
NATIONAL ACCOUNTS - <i>continued</i>							
Exports of Goods and Services †	**	..	..	..	..	..	..
Imports of Goods and Services †	**	..	..	..	..	..	..
Gross National Expenditure †	94	..	..	..	..	..	..
Final Consumption Expenditure -							
Private -							
Food	**	5	3x5	yes	yes	no	no
Cigarettes, tobacco and alcoholic drinks †	**	..	..	..	..	..	..
Clothing, footwear and drapery †	**	..	..	..	..	..	..
Household durables †	**	..	..	..	..	..	..
Purchase of motor vehicles	**	5	3x5	no	no	no	no
Rent*	**	..	..	..	..	..	..
Other goods and services †	**	..	..	..	..	..	..
Total †	96	..	..	..	..	..	..
Government †	98	..	..	..	..	..	..
Gross Fixed Capital Expenditure -							
Private -							
Dwellings	**	5	3x5	no	no	no	no
Other building and construction	**	5	3x5	no	no	no	no
All other	**	5	3x5	no	no	no	no
Total †	102	..	..	..	..	..	..
Public -							
Public enterprises †	**	..	..	..	..	..	..
General government	**	..	..	..	..	..	..
Total †	104	..	..	..	..	..	..
Total †	100	..	..	..	..	..	..
Increase in Stocks -							
Farm and miscellaneous †	**	..	..	..	..	..	..
Private non-farm †	106	..	..	..	..	..	..
Total †	**	..	..	..	..	..	..
Statistical Discrepancy †	**	..	..	..	..	..	..
National Accounts at Average 1974-75							
Prices -							
Gross Domestic Product -							
Gross farm product †	91	..	..	..	..	..	..
Gross non-farm product	93	5	3x5	no	no	no	yes(ax)(ay)
Total †	89	..	..	..	..	..	..
Exports of Goods and Services †	**	..	..	..	..	..	..
Imports of Goods and Services †	**	..	..	..	..	..	..

For footnotes see end of table.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences
NATIONAL ACCOUNTS - <i>continued</i>							
Gross National Expenditure †	95	..	..	..	..	..	..
Final Consumption Expenditure -							
Private -							
Food	**	5	3x5	yes	yes	no	no
Cigarettes, tobacco and alcoholic drinks †	**	..	..	..	..	..	..
Clothing, footwear and drapery †	**	..	..	..	..	..	..
Household durables †	**	..	..	..	..	..	..
Purchase of motor vehicles	**	5	3x5	no	no	no	no
Rent*	**	..	..	..	..	..	..
Other goods and services †	**	..	..	..	..	..	..
Total †	97	..	..	..	..	..	..
Government †	99	..	..	..	..	..	..
Gross Fixed Capital Expenditure -							
Private -							
Dwellings	**	5	3x5	no	no	no	no
Other building and construction	**	5	3x5	no	no	no	no
All other	**	5	3x5	no	no	no	no
Total †	103	..	..	..	..	..	..
Public †	105	..	..	..	..	..	..
Total †	101	..	..	..	..	..	..
Increase in Stocks -							
Farm and miscellaneous †	**	..	..	..	..	..	..
Private non-farm †	107	..	..	..	..	..	..
Total †	**	..	..	..	..	..	..
Statistical Discrepancy †	**	..	..	..	..	..	..

\* Seasonally insignificant. Original series used.

\*\* Series not published in this publication.

+ Denotes change in option or method previously selected for the adjustment of a series.

† Series aggregatively adjusted. See Table 2.

- (a) The influence of trading-day variation together with major public holidays and patterns of annual leave which may vary from year to year.
- (b) Up to March 1973 an allowance has been made for significant trading-day variation.
- (c) Separate trading-day weights have been derived for the periods up to March 1973 and from April 1973 because of apparent changes in trading-day variation.
- (d) An abrupt change in seasonality affecting most months from February 1970, due to the introduction of natural gas.
- (e) An abrupt change in seasonality affecting mainly January due to the extension of statutory leave in January 1975.
- (f) Two abrupt changes in seasonality, one affecting mainly June and July from June 1968, due to change in the pattern of annual leave and plant maintenance arrangements, and the other from June 1972.
- (g) An abrupt change in the seasonality affecting mainly December and January due to the extension of statutory annual leave in October 1963.

APPENDIX B – *continued*TABLE 1. AUSTRALIAN SERIES – *continued*

- (h) An adjustment to the level of the series in February 1972 and September and October 1977 to remove major fluctuations caused by strikes, which were distorting the estimates of the seasonal pattern. The fluctuation remains in the seasonally adjusted series.
- (i) In the adjustment, account was taken of an abrupt change in trading-day pattern in July 1963 and March 1970.
- (j) An adjustment to the level of the series in May, June and July 1974 to remove a major fluctuation which was distorting the estimates of the seasonal pattern. This fluctuation remains in the seasonally adjusted series.
- (k) An abrupt change in the seasonality affecting mainly January from 1972 due to changes in production patterns.
- (l) An abrupt change in seasonality affecting mainly January from January 1978.
- (m) An abrupt change in seasonality affecting all months from December 1971.
- (n) An abrupt change in seasonality from the September quarter 1967 to the December quarter 1971 due to U.S. troops spending their rest and recreation leave in Australia.
- (o) An abrupt change in seasonality from June quarter 1979 affecting all quarters except March quarter, due to changes in air fare structures.
- (p) An abrupt change in seasonality affecting all quarters from December quarter 1963.
- (q) An abrupt change in seasonality affecting February and August from 1972.
- (r) The effects of public holidays which fall within the survey week.
- (s) This quarterly series has been seasonally adjusted by applying the X-11 program to a monthly series. The quarterly series is derived by applying a simple average to the three months of the particular quarter.
- (t) The effects of major awards and determinations of Australian and State industrial authorities. (The effects of these awards and determinations are retained in the seasonally adjusted data.) Also, allowance was made for the varying incidence of fortnightly pay periods.
- (u) An abrupt change in level from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (v) An abrupt change in level from September quarter 1975 due to introduction of series based on the 1973-74 Census of Retail Establishments.
- (w) An abrupt change in seasonality affecting the June and September quarters from June quarter 1973.
- (x) An abrupt change in seasonality affecting all quarters except June from September 1963 and an abrupt change in seasonality affecting all quarters from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (y) An abrupt change in seasonality affecting all quarters except December quarters from March quarter 1974.
- (z) An abrupt change in seasonality from March quarter 1973.
- (aa) Separate trading-day weights have been derived for the periods up to December 1968 and from January 1969 because of apparent changes in trading pattern.
- (ab) An abrupt change in level from July 1969 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (ac) An abrupt change in seasonality affecting October, November and December from October 1971.
- (ad) An abrupt change in seasonality from July 1969 due to a change in the estimation procedures for new businesses.
- (ae) An abrupt change in level from April 1976 due to the introduction of series based on the 1973-74 Census of Retail Establishments.
- (af) An abrupt change in seasonality affecting mainly December in 1973, 1974 and 1975.
- (ag) An abrupt change in seasonality affecting all quarters except June from September quarter 1967.
- (ah) An abrupt change in seasonality affecting all quarters except September from June quarter 1971.
- (ai) An adjustment to the level of the series in November 1979 to remove a large fluctuation due to the approval of an aluminium smelter in Gladstone which distorted the estimates of the seasonal pattern. This fluctuation remains in the seasonally adjusted series.
- (aj) An abrupt change in the level of the series from December quarter 1973 associated with the introduction of the integrated capital expenditure survey.
- (ak) An abrupt change in the level and seasonality from December quarter 1973 associated with the introduction of the integrated capital expenditure survey and the exclusion of construction.

APPENDIX B - *continued*TABLE 1. AUSTRALIAN SERIES - *continued*

- (al) An abrupt change in seasonality affecting the June, September and December quarters from June quarter 1976 due to the bringing forward of expenditure plans caused by the 40% investment allowance.
- (am) This half-yearly series has been seasonally adjusted by applying the standard X-11Q program to the quarterly series obtained by allocating the figures for the half-year ended June to the June quarter and the other half-year to the December quarter, while the March and September quarter figures are calculated to have no significant seasonality. The adjustment factors for the June and December quarters are then applied to the half-yearly series.
- (an) An abrupt change in the level of the series from the June quarter 1973 due to the introduction of the integrated stocks survey and the adoption of new classifications of industry.
- (ao) An abrupt change in level from the June quarter 1976 associated with the 1976 sample revision.
- (ap) Effects of twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings bank accounts.
- (aq) An abrupt change in the level of the series from June 1975 due to a change in accounting procedures by one bank.
- (ar) An abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures.
- (as) An abrupt change in seasonality affecting mainly October, November and December from 1976.
- (at) An abrupt change from January 1978 due to a change in accounting procedures.
- (au) The ratio of *household saving* to *household disposable income*. (See Table 2).
- (av) An abrupt change in seasonality affecting the June and September quarters from 1976 due to an increasing shift to the payment of local government rates by instalments.
- (aw) This series is additively adjusted up to June 1971. From July 1971 it is an aggregative adjustment of *financial enterprises - output* (adjusted multiplicatively) less *financial enterprises - expenses* (adjusted multiplicatively).
- (ax) This series is not aggregatively adjusted like the current price series. Since *wages, salaries and supplements* accounts for approximately eighty per cent of this series an allowance is made for the pay-day effect in the estimated component in a manner similar to that in the current price *wages, salaries and supplements* series.
- (ay) A prior correction has been made for the effects of major fluctuations in March and June 1979 due to a back payment of stamp duty by Victorian insurance companies as a result of changes made to the timing of payments (from annual to monthly). These fluctuations do not appear in the seasonally adjusted series.

APPENDIX B - *continued*

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES

It should be noted that, except where otherwise stated, the directly adjusted quarterly series referred to in the table below have been seasonally adjusted multiplicatively by the X-11Q program using a 5-term trend moving average, a 3x5-term seasonal moving average, and standard limits for graduated treatment of extremes of 1.5 & 2.5 standard deviations.

Series that are published in this publication have their page numbers given in brackets after the title. The symbol \*\* indicates that the series is not published in this publication.

**AGRICULTURAL PRODUCTION -**

Total meat (p4). The sum of *beef, veal, mutton, lamb and pigmeat*. (See Table 1).

Brokers and dealers receivals of taxable wool (p6). The sum of *brokers receivals of taxable wool* and *dealers receivals of taxable wool*. Both adjusted multiplicatively using a 13-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes and an adjustment for trading-day variation.

**MANUFACTURING PRODUCTION -**

Confectionery (p23). The sum of *chocolate-based confectionery* and *other confectionery*. (See Table 1).

**MERCHANDISE TRADE -**

Exports of merchandise at current prices (\*\*). The sum of *rural* and *non-rural*. (See Table 1).

Exports of merchandise at average 1974-75 prices (\*\*). The sum of *rural* and *non-rural*. (See Table 1).

**BALANCE OF PAYMENTS -****Balance of Payments, current account -**

## Visible trade -

Balance of trade (p26). The difference between *exports f.o.b.* and *imports f.o.b.* (See Table 1).

## Invisible credits -

Gold production (\*\*). Directly adjusted (with a prior correction for an abrupt change in seasonality affecting all quarters except March from September quarter 1964) up to June quarter 1969. From September quarter 1969 until December quarter 1975 adjusted by subtracting *imports of gold* from *exports of gold* (both directly adjusted). From March quarter 1976, *exports of gold* and *imports of gold* are included in the relevant visible trade items.

Transportation (\*\*). The sum of *expenditure of overseas shipping*, *expenditure of overseas airlines* (both directly adjusted from March quarter 1976) and *receipts of Australian carriers* (directly adjusted with prior correction for two breaks in seasonal pattern due to changes in the method of estimating the original data in September quarter 1970 and March quarter 1973).

Travel (\*\*). (See Table 1).

Government (\*\*). The sum of *Australian government services to non-residents* (not adjusted), *foreign government expenditure on diplomatic and consular representation* (not adjusted prior to March quarter 1965, directly adjusted from March quarter 1965 to June quarter 1972 and not adjusted since) and *expenditure on United States government communication bases* (not adjusted).

Miscellaneous (\*\*). The sum of *business expenses of foreign companies* and *other* (both not adjusted).

Property income (\*\*). The sum of *interest on international reserves and IMF income* (directly adjusted with prior correction for a differing seasonal pattern in the period from September quarter 1964 to the June quarter 1969, during which there were large U.K. holdings of stocks and bonds), *royalties and portfolio investment* (directly adjusted from September quarter 1973), *undistributed income* (not adjusted) and *remitted profits and interest* (not adjusted).

Transfers (\*\*). The sum of *immigrants' funds* (directly adjusted), *pensions* (directly adjusted with prior correction for an abrupt change in the level of the series from June 1978 due to changes in inter-government arrangements of payments) and *other* (not adjusted).

Total invisible credits (p27). The sum of the seven individual credit items described above.

## Invisible debits -

Freight on imports (\*\*). (See Table 1).

Other transportation (\*\*). The sum of *shipping fares* (directly adjusted with prior correction for abrupt changes in seasonal pattern in March quarter 1967 due to the closure of the Suez canal and in December quarter 1970 due to a change in the method of estimating the data), *receipts of overseas airlines plus assisted passages* (directly adjusted) and *other* (directly adjusted since September 1969).

Travel (\*\*). (See Table 1).

Government (\*\*). The sum of *defence expenditure* (directly adjusted with prior correction for an abrupt change in seasonal pattern from September quarter 1960 due to the establishment of the Butterworth Air Force base) and *other* (directly adjusted with prior correction for an abrupt change in seasonality from September quarter 1966 due to a change in the method of estimating the data).

Miscellaneous (\*\*). The sum of *re-insurance premiums*, *business expenses of Australian companies* (both not adjusted) and *other* (directly adjusted with prior correction for an abrupt change in seasonality from September quarter 1965).

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued***BALANCE OF PAYMENTS - *continued***

## Property income -

Undistributed investment income (\*\*). Not adjusted.

Other investment income (\*\*). The sum of *portfolio dividends and interest* (directly adjusted with prior correction for a change in seasonal pattern in September quarter 1964 due to a change in the method of estimating the data), *interest on public authority debt* (directly adjusted), and *remitted profits and interest* (directly adjusted with allowance made for unusually large irregular values, the effects of which still remain in the seasonally adjusted data).

Royalties and copyrights (\*\*). (See Table 1).

Government transfers (\*\*). The sum of *Papua New Guinea* (directly adjusted with allowance for a double payment in September 1977 followed by an unusually low figure for December quarter 1977, the effects of which were distorting the estimates of the seasonal pattern. These fluctuations remain in the seasonally adjusted series), *pensions* (not adjusted), and *other foreign aid* (directly adjusted with allowance made for unusually large irregular items, which still remain in the seasonally adjusted series).

Private transfers (\*\*). The sum of *emigrants' funds* (not adjusted) and *other* (directly adjusted).

Total invisible debits (p28). The sum of the ten individual debit items above.

Net invisibles (\*\*). The difference between *invisible credits* and *invisible debits* (described above).

Balance on current account (p29). The sum of *balance of trade* and *net invisibles* (described above).

**MIGRATION -**

Short-term visitors arriving (\*\*). The sum of *short-term visitors excluding U.S. troops arriving for rest and recreation leave* (adjusted multiplicatively, using a 13-term moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and prior adjustment for the effects of the 1962 Commonwealth Games, the 1971 Rotary Convention and the November 1977 Pacific Conference Games) and *U.S. troops arriving for rest and recreation leave* (adjusted only for trading-day variation). Note that the effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.

Total arrivals (\*\*). The sum of *total arrivals excluding U.S. troops arriving for rest and recreation leave* (adjusted multiplicatively, using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of the 1962 Commonwealth Games, the 1971 Rotary Convention, and the 1977 Pacific Conference Games, and Easter), and *U.S. troops arriving for rest and recreation leave* (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.

Total departures (\*\*). The sum of *total departures excluding U.S. troops departing from rest and recreation leave* (adjusted multiplicatively, using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of the 1962 Commonwealth Games and the 1971 Rotary Convention, and *U.S. troops departing from rest and recreation leave* (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.

**RETAIL TRADE -**

## Quarterly retail sales at current prices -

Food and drink (p40). The sum of the directly adjusted series *groceries, butchers' meat, other food and beer, wine and spirits*. (See Table 1).

Clothing, hardware, electrical, etc. (p42). The sum of the directly adjusted series *clothing and drapery, footwear, hardware, china and glassware, electrical goods and furniture and floor coverings*. (See Table 1).

All other goods (excluding motor vehicles, parts, petrol, etc.) (p44). The sum of the directly adjusted series *chemists' goods, newspapers, books and stationery* and *other goods (excluding motor vehicles, parts, petrol, etc.)*. (See Table 1).

All items (excluding motor vehicles, parts, petrol, etc.) (p46). The sum of *food and drink, clothing, hardware, electrical, etc.* and *all other goods (excluding motor vehicles, parts, petrol, etc.)*, all aggregatively adjusted (see above).

## Quarterly retail sales at constant prices -

The constant price series have been adjusted by similar methods to the corresponding current price series (see above and Table 1), except that allowances have been made for an abrupt change in level from September quarter 1975 due to the introduction of data based on average 1974-75 prices.

Food and drink (p41).

Clothing, hardware, electrical, etc. (p43).

All other goods (excluding motor vehicles, parts, petrol, etc.) (p45).

All items (excluding motor vehicles, parts, petrol, etc.) (p47).

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued***MOTOR VEHICLE REGISTRATIONS -****Registration of new motor vehicles -**

Total (p51). The sum of the directly adjusted series *registrations of new motor vehicles - cars and station wagons* and *registrations of new motor vehicles - other vehicles*. (See Table 1).

**CAPITAL EXPENDITURE -****Expected new fixed capital expenditure by private enterprises -****New building and structures -**

All industries (\*\*). The sum of *new buildings and structures - mining* (unadjusted) and *new buildings and structures - manufacturing* (unadjusted), and the directly adjusted series *new buildings and structures - finance, property and business services* and *new buildings and structures - other industries*. (See Table 1).

**Total new fixed capital expenditure -**

*Finance, property and business services* (\*\*). The sum of the directly adjusted series *new buildings and structures - finance, property and business services* and *other new capital equipment - finance, property and business services* (unadjusted). (See Table 1).

*Other industries* (\*\*). The sum of the directly adjusted series *new buildings and structures - other industries* and *other new capital equipment - other industries* (unadjusted). (See Table 1).

All industries (\*\*). The sum of *total new capital expenditure - mining* (unadjusted) and *total new capital expenditure - manufacturing* (unadjusted), and the aggregatively adjusted series *total new capital expenditure - finance, property and business services* and *total new capital expenditure - other industries*. (See Table 1).

**STOCKS -****Stocks owned by private enterprises at current prices -**

*Other* (\*\*). The sum of *gas and electricity* (unadjusted), and *cafes and restaurants* (directly adjusted with prior correction for the effects of an abrupt change in level from June quarter 1976 associated with the 1976 sample revision).

**Stocks owned by private enterprises at average 1974-75 prices -**

Total (\*\*). The sum of *other industry* (unadjusted), and *manufacturing*. (See Table 1).

**TAXATION REVENUE -**

Commonwealth and State Government Consolidated Revenue Funds (p73). The sum of directly adjusted series *gross pay as you earn* (P.A.Y.E.) *tax* (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of

- (a) Easter,
- (b) abrupt changes in level from October 1970 and from October 1972, associated with decreases in the rate of personal income tax,
- (c) an abrupt change in seasonal pattern from July 1969, affecting all months except January, February, March, June and December, and
- (d) an abrupt change in the level of the series from January 1975 due to the introduction of reduced taxation rates),

*gross other individual income tax* (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation, prior correction for the effects of an abrupt change in seasonal pattern from March 1976, affecting the months of March, April, June, July, August, September and October, and prior correction for the effects of an abrupt change in seasonal pattern from July 1978, affecting the months of April, May and June),

*company tax* (for the period up to December 1973 this series has been adjusted multiplicatively using a 13-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of

- (a) Easter,
- (b) an unusually high value in January 1967; the effects of which are retained in the seasonally adjusted series,
- (c) an abrupt change in seasonal pattern associated with the earlier lodgment of returns by companies from 1972, affecting the months of May, June and July, up to December 1973. From January 1974 to June 1977 the series has been specially adjusted due to changes in the procedures for collection of company tax. From July 1977 this series has been adjusted multiplicatively using a 13-term trend moving average, a 3x5 seasonal moving average, standard limits for graduated treatment of extremes, with prior correction for the effects of an unusually low value in August 1977 and an unusually high value in May 1978; the effects of which are retained in the seasonally adjusted series), and

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued***TAXATION REVENUE - *continued***

*other taxation revenue* (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of Easter), less

*P.A. Y.E. refunds* (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average for all months except July for which a 3-term seasonal moving average is applied, standard limits for graduated treatment of extremes with adjustment for trading-day variation and with prior correction for the effects of

- (a) Easter,
- (b) an abrupt change in seasonal pattern associated with the change in due date of tax returns in 1972, affecting the months of February, July, August and October, and
- (c) abrupt changes in level from July 1975 and July 1977), less

*other individual income tax refunds* (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior correction for the effects of

- (a) Easter, and
- (b) an abrupt change in seasonal pattern from March 1976, affecting the months of March and April).

**MONEY SUPPLY -****Volume of money -**

Definition M1 (p74). The sum of *notes and coins in the hands of the public* (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of Easter), and

*current deposits with all trading banks (excluding Commonwealth and State Government and inter-bank deposits)* (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with prior correction for the effects of

- (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea, and
- (b) variation due to the general business practice of monthly settlement of accounts at or near the end of the month, the perceptible effects of which vary with the number of weekly balancing days (Wednesdays) in each month from year to year), and

*current deposits of the public with the Reserve Bank of Australia* (not adjusted).

Definition M2 (p75). The sum of *definition M1, fixed deposits of the public with the Reserve Bank of Australia* (not adjusted) and *fixed deposits with all trading banks (excluding Commonwealth and State Government and inter-bank holdings of fixed deposits, and certificate of deposits from June 1974)* (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of

- (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, and
- (b) an abrupt change in seasonal pattern from March 1971 affecting most months).

Definition M3 (p76). The sum of *definition M2* and *savings banks deposits* (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with prior correction for the effects of

- (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures,
- (b) twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings banks accounts, and
- (c) an abrupt change in level from June 1975 due to a change in accounting procedures by one bank).

APPENDIX B – *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES – *continued***BANKING –****Major Trading Banks –**

Total deposits (p78). The sum of *current deposits* and *fixed deposits* (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of

- (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures,  
and for the former only,
- (b) variation due to the general business practice of monthly settlement of accounts at or near the end of the month, the perceptible effects of which vary with the number of weekly balancing days (Wednesdays) in each month from year to year,  
and for the latter only,
- (c) an abrupt change in seasonal pattern from March 1971).

New and increased lending commitments (p81). The sum of *new and increased lending commitments less term loan* (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures), and *term loans* (unadjusted).

**HOUSING FINANCE –****Housing finance for owner occupation, loans approved to individuals for construction or purchase of dwellings –**

Total number of dwelling units for which loans have been approved by –

Savings banks (p82).

Trading banks (p83).

Permanent building societies (p84).

The sum of *construction of dwellings and purchase of newly erected dwellings and purchase of established dwellings*. (See Table 1).

Total value of loans approved by –

Savings banks (p85).

Trading banks (p86).

Permanent building societies (p87).

The sum of *construction of dwellings and purchase of newly erected dwellings and purchase of established dwellings*. (See Table 1).

**NATIONAL ACCOUNTS –****National accounts at current prices –****Household income –**

Income of farm unincorporated enterprises (\*\*). *Gross farm product at factor cost* (see below, *gross farm product*) less *farm wages, salaries and supplements* (directly adjusted), *farm rent and interest* (directly adjusted with a prior correction for the effects of an abrupt change in seasonal pattern from September quarter 1973, affecting the June, September and December quarters, due to a change in treatment of the third party insurance component), *farm depreciation* (not adjusted), plus *farm company income* (directly adjusted additively).

Income of other unincorporated enterprises and from dwellings and interest and dividends (\*\*). The sum of *income of other unincorporated enterprises* (directly adjusted), *income from dwelling rent* (directly adjusted with a prior correction for the effects of an abrupt change in seasonal pattern from June quarter 1976, affecting the June and September quarters, due to the increasing pattern of payments of rates by instalments), *income from dividends* (directly adjusted), *imputed interest on life and superannuation funds* (directly adjusted with a prior correction for the effects of an abrupt change in seasonal pattern from June quarter 1971, affecting the June and September quarters), *interest from savings banks received by persons* (directly adjusted with a prior correction for the effects of an abrupt change in seasonal pattern from December 1978, affecting the June and December quarters, due to a shift in half-yearly interest payments from June to December by one bank), *interest from building societies received by persons* (directly adjusted), and *other interest and rent received by persons* (not adjusted).

Third party insurance transfers (\*\*). Not adjusted.

Transfers from overseas (\*\*). The sum of *immigrants' funds* and *other* (both adjusted as described for Balance of Payments) with modification for *extraordinary insurance claims less Darwin re-insurance items*.

Transfers from general government –

Cash benefits (\*\*). The sum of *hospital, medical and pharmaceutical benefits* (directly adjusted), *other benefits* (directly adjusted with a prior correction for the effects of an abrupt change in seasonal pattern from March quarter 1967, affecting all quarters), *old age and invalid pensions, family allowances and war pensions* (all three series specially adjusted for pay-day effects only) less *cash benefits to non-residents* (not adjusted).

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued*NATIONAL ACCOUNTS - *continued*

Unfunded employee retirement benefits (\*\*). Not adjusted.

Total (\*\*). The sum of *cash benefits* and *unfunded employee retirement benefits*, described above.

Total (p113). The sum of the five preceding series and *wages, salaries and supplements*. (See Table 1).

## Household outlay -

## Private final consumption expenditure -

Cigarettes, tobacco and alcoholic drinks (\*\*). The sum of *cigarettes and tobacco* (adjusted directly with prior correction for the effects of abrupt changes in seasonality from December 1970, affecting all quarters, and June 1973, affecting the June and September quarters), and *alcoholic drinks* (adjusted directly with allowance for trading-day variation and prior correction for the effects of Easter).

Clothing, footwear and drapery (\*\*). The sum of *clothing and drapery* (adjusted directly with allowance for trading-day variation and with prior correction for the effects of Easter and an abrupt change in seasonality from September 1973, affecting the September and December quarters), and *footwear* (adjusted directly with allowance for trading-day variation and prior correction for the effects of Easter and an abrupt change in seasonality from June 1973, affecting the June and September quarters).

Household durables (\*\*). The sum of *electrical goods* (adjusted directly with allowance for trading-day variation and prior correction for the effects of Easter, and an abrupt change in seasonality from June 1974, affecting the March, June and September quarters), *hardware* (adjusted directly with allowance for trading-day variation and prior correction for the effects of Easter), and *furniture* (adjusted directly with allowance for trading-day variation and prior correction for the effects of Easter, and an abrupt change in seasonality from March 1973, affecting all quarters).

Other goods and services (\*\*). The sum of *gas* (adjusted directly with prior correction for the effects of an abrupt change in seasonality from March 1977, affecting the March and September quarters), *electricity* (adjusted directly), *fuel* (adjusted directly), *postal and telephone services* (adjusted only for the effects of Easter), *fares* (adjusted directly with prior correction for the effects of an abrupt change in seasonality from March 1967, affecting all quarters), *motoring expenses* (adjusted directly), *other goods* (adjusted directly with an allowance for trading-day variation), and *other services* (adjusted directly).

Total (p96). The sum of *food* (see Table 1), *cigarettes, tobacco and alcoholic drinks* (see above), *clothing, footwear and drapery* (see above), *purchase of motor vehicles* (see Table 1), *household durables* (see above), *dwelling rent* (not adjusted) and *other goods and services* (see above).

Consumer debt interest (\*\*). Not adjusted.

Income tax paid (\*\*). *Gross P.A.Y.E.* (adjusted directly, see *Taxation Revenue*, and converted to a quarterly series), less *P.A.Y.E. refunds* (adjusted directly, see *Taxation Revenue*, and converted to a quarterly series), plus *other individual taxation* (adjusted using a pseudo-additive method with prior correction for the effects of abrupt changes in seasonality from March 1972, affecting the March, June and September quarters, and from September 1976, affecting the March and September quarters).

Other direct taxes, fees, fines, etc. (\*\*). The sum of *other direct taxes, fees, fines, etc.* less *unfunded employee retirement contributions* (adjusted directly with a prior correction for the effects of an abrupt change in seasonality from December 1963, affecting the March and December quarters), and *unfunded employee retirement contributions* (not adjusted).

Transfers overseas (\*\*). This item is identical to *invisible debits - private transfers*. See *Balance of Payments* for method of adjustment.

Household savings (p114). *Household income* (see above) less the sum of the preceding five series.

Total (\*\*). The sum of the preceding six series.

Household disposable income (\*\*). The sum of *private final consumption expenditure - total* (see above) and *household savings* (see above).

Household saving ratio (p115). The ratio of *household savings* (see above) to *household disposable income* (see above), expressed as a percentage.

## Gross operating surplus -

## Trading enterprises -

*Companies* (p108). The difference between *gross operating surplus of companies, including stock valuation adjustment* (adjusted directly) and *stock valuation adjustment* (not adjusted).

*Other* (p109). The sum of *farm unincorporated enterprises* and *non-farm unincorporated enterprises*. *Farm* : *gross farm product at factor cost* (see below, *gross farm product*), less three *farm cost* series (two directly adjusted and one not adjusted) and *company income* (adjusted directly additively). *Non-farm* : the sum of *income* (adjusted directly), *interest* (not adjusted), *depreciation* (not adjusted) and *third party insurance claims* (not adjusted).

Indirect taxes less subsidies (p112). *Indirect taxes* (adjusted directly with a prior correction for the effects of major irregular fluctuations in March and June 1979 due to the back payment of stamp duty by Victorian insurance companies as a result of changes from annual to monthly payments, and an abrupt change in seasonality from September 1979, affecting all quarters, due to the above mentioned change in the timing of stamp duty payments by Victorian insurance companies), less *wheat subsidy* (speciaily adjusted), less *wool subsidy* (not adjusted), less *all other subsidies* (adjusted directly with prior correction for the effects of an abrupt change in seasonality from September 1968, affecting the March and September quarters).

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued*NATIONAL ACCOUNTS - *continued*

## Gross domestic product -

Total (p88). The sum of *gross operating surplus - companies* (see above), *gross operating surplus - other* (see above), *gross operating surplus - dwellings owned by persons* (see Table 1), *gross operating surplus - public enterprises* (see Table 1), *gross operating surplus - financial enterprises less imputed bank service charge* (see Table 1), *indirect taxes less subsidies* (see above), and *wages, salaries and supplements* (see Table 1).

Gross farm product (p90). *Gross farm product at factor cost* (see below) plus *farm indirect taxes* (directly adjusted) less *wheat subsidy* (specially adjusted), *wool subsidy* (not adjusted), and *all other farm subsidies* (directly adjusted from March quarter 1970 to September quarter 1974, and not adjusted elsewhere). *Gross farm product at factor cost* is the sum of three components of *gross value of production - wheat, other grain and sugar cane* (all specially adjusted) plus four directly adjusted series *wool, other crops, livestock slaughterings* (the latter prior corrected for the effects of an abrupt change in trend from September quarter 1963 due to a change in composition of the series to include pigs and poultry, and an abrupt change in the seasonality in December quarter 1973 affecting the June, September and December quarters), and *other livestock products* (prior corrected for the effects of an abrupt change in trend from September quarter 1963 due to a change in composition of the series to exclude pigs and poultry), less *wool* and *wheat stock valuation adjustments* (both specially adjusted), *wheat marketing costs* (specially adjusted), and three other farm cost series (all directly adjusted) : *other marketing* (prior corrected for the effects of an abrupt change in seasonality from December quarter 1973 affecting the March, June and December quarters), *seed and fodder* (prior corrected for the effects of an abrupt change in trend from September quarter 1972 due to a sharp increase in the price of hay), and *other costs* (prior corrected for the effects of an abrupt change in trend from March quarter 1979 due to a rapid rise in petrol price, and an abrupt change in seasonality from December quarter 1972, affecting the March and December quarters). The three specially adjusted components of *gross value of production - wheat, other grain and sugar cane* are adjusted by the equal distribution of the production for any financial year over the four quarters of the year ended June. One effect of these methods is that changes in the annual production of these commodities first enter the seasonally adjusted figures in the September quarter.

Gross non-farm product (p92). The difference between *gross domestic product* (see above) and *gross farm product* (see above). The adjustment of *gross non-farm product* is independent of the special adjustments used in *gross farm product*, since *gross domestic product* also contains the influences of these special adjustments as a result of incorporating *gross operating surplus - other*. (See above).

Gross domestic product at factor cost (p111). The difference between *gross domestic product* (see above) and *indirect taxes less subsidies* (see above).

Exports of goods and services (\*\*). The sum of *exports f.o.b., gold production, transportation credits, travel credits, government credits and miscellaneous credits* (all adjusted as described for Balance of Payments).

Imports of goods and services (\*\*). The sum of *imports f.o.b., freight on imports, other transportation debits, travel debits, government debits and miscellaneous debits* (all adjusted as described for Balance of Payments).

Gross national expenditure (p94). The sum of *gross domestic product* (see above) and *imports of goods and services* (see above) less *exports of goods and services* (see above).

Government final consumption expenditure (p98). The sum of *State and Local Government* (directly adjusted), *Commonwealth Government excluding defence adjustment* (directly adjusted), and *defence adjustment* (directly adjusted additively).

## Gross fixed capital expenditure -

Private (p102). The sum of *dwellings* (see Table 1), *other building and construction* (see Table 1), and *all other* (see Table 1).

## Public -

Public enterprises (\*\*). The sum of *State and Local Government public enterprises* (directly adjusted), *Commonwealth Government public enterprises less transport equipment* (adjusted directly with prior correction for the effects of abrupt changes in seasonality from September 1970, affecting all quarters, and from September 1975, affecting all quarters, due to different accounting methods adopted by Telecom and Australia Post from 1976), and *transport equipment* (not adjusted).

General government (\*\*). The sum of *State and Local general government* (directly adjusted), and *Commonwealth general government* (directly adjusted).

Total (p104). The sum of *public enterprises* (see above) and *general government* (see above).

Total (p100). The sum of *private* (see above) and *public* (see above).

## Increase in stocks -

Farm and miscellaneous (\*\*). The sum of six book value series (see below) less *farm stock valuation adjustment* (the sum of *wheat* (specially adjusted), *wool* (specially adjusted) and *Wool Corporation* (directly adjusted additively)). The six book value series summed are *wool* (the difference between *gross value of production of wool* (directly adjusted) and *withdrawals from stocks of wool* (directly adjusted)), *wheat* (directly adjusted additively with a prior correction equivalent to the seasonality of *gross value of production wheat less wheat subsidy*), *other grain* (directly adjusted additively with a prior correction equivalent to the seasonality of *gross value of production other grain*), *other farm* (directly adjusted additively), *Wool Corporation* (directly adjusted additively), and *miscellaneous : public authorities* (not adjusted).

APPENDIX B - *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES - *continued*NATIONAL ACCOUNTS - *continued*

Private non-farm (p106). The sum of four non-farm book value series (see below) less *non-farm stock valuation adjustment* (not adjusted). The four book value series summed are *manufacturing* (directly adjusted additively with a prior correction for a large irregular event in December 1979 due to exceptional increases in the sectors of chemicals, textile clothing and motor vehicles), *bulk sugar* (directly adjusted additively with a prior correction equivalent to the seasonality of *gross value of production of sugar cane*), *other commerce* (directly adjusted prior to June quarter 1973 and not adjusted since), and *other private non-farm* (not adjusted).

Total (\*\*). The sum of *farm and miscellaneous* (see above) and *private non-farm* (see above).

Statistical discrepancy (\*\*). Balancing item in the seasonally adjusted account, obtained as the difference between *gross national expenditure* and the sum of *final consumption expenditure*, *gross fixed capital expenditure* and *increase in stocks* (adjusted as indicated above).

## National accounts at average 1974-75 prices.

The constant price series have been adjusted by methods similar to those used for the corresponding current price series, the only exceptions are listed below.

Gross domestic product (p89). The sum of *farm* (similar method of adjustment to that for the current price series) and *non-farm* (see Table 1).

Exports of goods and services (\*\*). The method of adjustment is the same as that for the current price series with the following exceptions. *Transportation credits* is directly adjusted, and *Government credits* is directly adjusted.

Imports of goods and services (\*\*). The method of adjustment is the same as that for the current price series with the following exception. *Other transportation - other* is directly adjusted from September 1966.

APPENDIX B - *continued*

TABLE 3. STATE SERIES

Series description	Number of terms used in moving averages for		Adjustment made for			
	Trend	Seasonal factors	Trading -day variation	Easter	Australia Day	Other influences
<b>WAGES AND SALARIES —</b>						
Average weekly earnings per employed male unit (a) —						
New South Wales	13	3x5	yes	no	no	yes (b)
Victoria	13	3x5	yes	no	no	yes (b)
Queensland	13	3x5	yes	no	no	yes (b)
South Australia	13	3x5	yes	no	no	yes (b)
Western Australia	13	3x5	yes	no	no	yes (b)
Tasmania	13	3x5	yes	no	no	yes (b)
<b>RETAIL TRADE —</b>						
<b>Quarterly Retail Sales —</b>						
Food and drink —						
New South Wales	5	3x5	yes	yes	no	yes (c)(d)
Victoria	5	3x5	yes	yes	no	yes (c)(d)
Queensland	5	3x5	yes	yes	no	yes (c)(d)
South Australia	5	3x5	yes	yes	no	yes (c)(d)
Western Australia	5	3x5	yes	yes	no	yes (c)(d)
Tasmania	5	3x5	yes	yes	no	yes (c)(d)
Clothing, hardware, electrical, etc. —						
New South Wales	5	3x5	yes	yes	no	yes (c)(d)
Victoria	5	3x5	yes	yes	no	yes (c)(d)
Queensland	5	3x5	yes	yes	no	yes (c)(d)
South Australia	5	3x5	yes	yes	no	yes (c)(d)
Western Australia	5	3x5	yes	yes	no	yes (c)(d)
Tasmania	5	3x5	yes	yes	no	yes (c)(d)
All other goods (excl. motor vehicles, parts, petrol, etc.) —						
New South Wales	5	3x5	yes	no	no	yes (c)(d)
Victoria	5	3x5	yes	yes	no	yes (c)(d)
Queensland	5	3x5	yes	no	no	yes (c)(d)
South Australia	5	3x5	yes	no	no	yes (c)(d)
Western Australia	5	3x5	yes	no	no	yes (c)(d)
Tasmania	5	3x5	yes	yes	no	yes (c)(d)
All items (excl. motor vehicles, parts, petrol, etc.) —						
New South Wales	5	3x5	yes	no	no	yes (c)(d)
Victoria	5	3x5	yes	no	no	yes (c)(d)
Queensland	5	3x5	yes	no	no	yes (c)(d)
South Australia	5	3x5	yes	no	no	yes (c)(d)
Western Australia	5	3x5	yes	no	no	yes (c)(d)
Tasmania	5	3x5	yes	yes	no	yes (c)(d)
<b>MOTOR VEHICLE REGISTRATIONS —</b>						
<b>Registrations of New Motor Vehicles —</b>						
Cars and station wagons —						
New South Wales	13	3x9	yes	yes	no	no
Victoria	13	3x9	yes	yes	no	no
Queensland	23	3x9	yes	yes	no	no
South Australia	13	3x9	yes	yes	no	no
Western Australia	13	3x9	yes	yes	no	no
Tasmania	23	3x9	yes	yes	no	no

For footnotes see end of table.

APPENDIX B - *continued*TABLE 3. STATE SERIES - *continued*

Series description	Number of terms used in moving averages for			Adjustment made for			
	Trend	Seasonal factors	Trading - day variation	Easter	Australia Day	Other influences	
<b>MOTOR VEHICLE REGISTRATIONS - <i>contd</i></b>							
<b>Registrations of New Motor Vehicles - <i>contd</i></b>							
Other vehicles -							
New South Wales	13	3x9	yes	yes	no	no	
Victoria	13	3x9	yes	yes	no	no	
Queensland	13	3x9	yes	yes	no	no	
South Australia	13	3x9	yes	yes	no	no	
Western Australia	13	3x9	yes	yes	no	no	
Tasmania	23	3x9	yes	yes	no	no	
Total (e) -							
New South Wales	..	..	..	..	..	..	..
Victoria	..	..	..	..	..	..	..
Queensland	..	..	..	..	..	..	..
South Australia	..	..	..	..	..	..	..
Western Australia	..	..	..	..	..	..	..
Tasmania	..	..	..	..	..	..	..
<b>BUILDING -</b>							
<b>Building Approvals -</b>							
Number of new dwellings approved -							
New South Wales	13	3x9	yes	yes	no	no	
Victoria	13	3x9	yes	yes	no	no	
Queensland	13	3x9	yes	yes	no	no	
<b>Building Commenced -</b>							
Number of new dwellings commenced -							
New South Wales	5	3x5	no	no	no	no	
Victoria	5	3x5	no	no	no	no	
Queensland	5	3x5	no	no	no	no	
South Australia	5	3x5	no	no	no	no	
Western Australia	5	3x5	no	no	no	no	
Tasmania	5	3x5	no	no	no	no	
<b>Building Under Construction -</b>							
Number of new dwellings under construction -							
New South Wales	5	3x5	no	no	no	no	
Victoria	5	3x5	no	no	no	no	
Queensland	5	3x5	no	no	no	no	
South Australia	5	3x5	no	no	no	no	
Western Australia	5	3x5	no	no	no	no	
Tasmania	5	3x5	no	no	no	no	
<b>Building Completed -</b>							
Number of new dwellings completed -							
New South Wales	5	3x5	no	no	no	no	
Victoria	5	3x5	no	no	no	no	
Queensland	5	3x5	no	no	no	no	
South Australia	5	3x5	no	no	no	no	
Western Australia	5	3x5	no	no	no	no	
Tasmania	5	3x5	no	no	no	no	

For footnotes see end of table.

APPENDIX B — *continued*TABLE 3. STATE SERIES — *continued*

- (a) These quarterly series have been seasonally adjusted by applying the standard X-11 program to a monthly series. The quarterly series is derived by applying a simple average to the three months of a particular quarter.
- (b) The effects of major awards and determinations of Australian and State industrial authorities. (The effects of these awards and determinations are retained in the seasonally adjusted data.) Also, allowance was made for the varying incidence of fortnightly pay periods.
- (c) An abrupt change in level from December quarter 1972 due to the introduction of a series based on the 1968-69 Census of Retail Establishments.
- (d) An abrupt change in level from September quarter 1975 due to the introduction of a series based on the 1973-74 Census of Retail Establishments.
- (e) Series aggregatively adjusted as the sum of *Cars and Station Wagons* and *Other Vehicles*.

Series description	Page	Original unadjusted series	Trend series	Seasonal adjustment factor	Seasonally adjusted series	Forecast series
GENERAL INDUSTRY -						
Manufacturing						
Manufacture of motor vehicles						
Automobiles and parts (a)						
Commercial vehicles (a)						
Light commercial vehicles (a)						
Medium commercial vehicles (a)						
Heavy commercial vehicles (a)						
Trucks and trailers (a)						
Motor cycles (a)						
Parts and accessories (a)						
Automobiles and parts (b)						
Commercial vehicles (b)						
Light commercial vehicles (b)						
Medium commercial vehicles (b)						
Heavy commercial vehicles (b)						
Trucks and trailers (b)						
Motor cycles (b)						
Parts and accessories (b)						
Automobiles and parts (c)						
Commercial vehicles (c)						
Light commercial vehicles (c)						
Medium commercial vehicles (c)						
Heavy commercial vehicles (c)						
Trucks and trailers (c)						
Motor cycles (c)						
Parts and accessories (c)						
Automobiles and parts (d)						
Commercial vehicles (d)						
Light commercial vehicles (d)						
Medium commercial vehicles (d)						
Heavy commercial vehicles (d)						
Trucks and trailers (d)						
Motor cycles (d)						
Parts and accessories (d)						
Automobiles and parts (e)						
Commercial vehicles (e)						
Light commercial vehicles (e)						
Medium commercial vehicles (e)						
Heavy commercial vehicles (e)						
Trucks and trailers (e)						
Motor cycles (e)						
Parts and accessories (e)						
Automobiles and parts (f)						
Commercial vehicles (f)						
Light commercial vehicles (f)						
Medium commercial vehicles (f)						
Heavy commercial vehicles (f)						
Trucks and trailers (f)						
Motor cycles (f)						
Parts and accessories (f)						
Automobiles and parts (g)						
Commercial vehicles (g)						
Light commercial vehicles (g)						
Medium commercial vehicles (g)						
Heavy commercial vehicles (g)						
Trucks and trailers (g)						
Motor cycles (g)						
Parts and accessories (g)						
Automobiles and parts (h)						
Commercial vehicles (h)						
Light commercial vehicles (h)						
Medium commercial vehicles (h)						
Heavy commercial vehicles (h)						
Trucks and trailers (h)						
Motor cycles (h)						
Parts and accessories (h)						
Automobiles and parts (i)						
Commercial vehicles (i)						
Light commercial vehicles (i)						
Medium commercial vehicles (i)						
Heavy commercial vehicles (i)						
Trucks and trailers (i)						
Motor cycles (i)						
Parts and accessories (i)						
Automobiles and parts (j)						
Commercial vehicles (j)						
Light commercial vehicles (j)						
Medium commercial vehicles (j)						
Heavy commercial vehicles (j)						
Trucks and trailers (j)						
Motor cycles (j)						
Parts and accessories (j)						
Automobiles and parts (k)						
Commercial vehicles (k)						
Light commercial vehicles (k)						
Medium commercial vehicles (k)						
Heavy commercial vehicles (k)						
Trucks and trailers (k)						
Motor cycles (k)						
Parts and accessories (k)						
Automobiles and parts (l)						
Commercial vehicles (l)						
Light commercial vehicles (l)						
Medium commercial vehicles (l)						
Heavy commercial vehicles (l)						
Trucks and trailers (l)						
Motor cycles (l)						
Parts and accessories (l)						
Automobiles and parts (m)						
Commercial vehicles (m)						
Light commercial vehicles (m)						
Medium commercial vehicles (m)						
Heavy commercial vehicles (m)						
Trucks and trailers (m)						
Motor cycles (m)						
Parts and accessories (m)						
Automobiles and parts (n)						
Commercial vehicles (n)						
Light commercial vehicles (n)						
Medium commercial vehicles (n)						
Heavy commercial vehicles (n)						
Trucks and trailers (n)						
Motor cycles (n)						
Parts and accessories (n)						
Automobiles and parts (o)						
Commercial vehicles (o)						
Light commercial vehicles (o)						
Medium commercial vehicles (o)						
Heavy commercial vehicles (o)						
Trucks and trailers (o)						
Motor cycles (o)						
Parts and accessories (o)						
Automobiles and parts (p)						
Commercial vehicles (p)						
Light commercial vehicles (p)						
Medium commercial vehicles (p)						
Heavy commercial vehicles (p)						
Trucks and trailers (p)						
Motor cycles (p)						
Parts and accessories (p)						
Automobiles and parts (q)						
Commercial vehicles (q)						
Light commercial vehicles (q)						
Medium commercial vehicles (q)						
Heavy commercial vehicles (q)						
Trucks and trailers (q)						
Motor cycles (q)						
Parts and accessories (q)						
Automobiles and parts (r)						
Commercial vehicles (r)						
Light commercial vehicles (r)						
Medium commercial vehicles (r)						
Heavy commercial vehicles (r)						
Trucks and trailers (r)						
Motor cycles (r)						
Parts and accessories (r)						
Automobiles and parts (s)						
Commercial vehicles (s)						
Light commercial vehicles (s)						
Medium commercial vehicles (s)						
Heavy commercial vehicles (s)						
Trucks and trailers (s)						
Motor cycles (s)						
Parts and accessories (s)						
Automobiles and parts (t)						
Commercial vehicles (t)						
Light commercial vehicles (t)						
Medium commercial vehicles (t)						
Heavy commercial vehicles (t)						
Trucks and trailers (t)						
Motor cycles (t)						
Parts and accessories (t)						
Automobiles and parts (u)						
Commercial vehicles (u)						
Light commercial vehicles (u)						
Medium commercial vehicles (u)						
Heavy commercial vehicles (u)						
Trucks and trailers (u)						
Motor cycles (u)						
Parts and accessories (u)						
Automobiles and parts (v)						
Commercial vehicles (v)						
Light commercial vehicles (v)						
Medium commercial vehicles (v)						
Heavy commercial vehicles (v)						
Trucks and trailers (v)						
Motor cycles (v)						
Parts and accessories (v)						
Automobiles and parts (w)						
Commercial vehicles (w)						
Light commercial vehicles (w)						
Medium commercial vehicles (w)						
Heavy commercial vehicles (w)						
Trucks and trailers (w)						
Motor cycles (w)						
Parts and accessories (w)						
Automobiles and parts (x)						
Commercial vehicles (x)						
Light commercial vehicles (x)						
Medium commercial vehicles (x)						
Heavy commercial vehicles (x)						
Trucks and trailers (x)						
Motor cycles (x)						
Parts and accessories (x)						
Automobiles and parts (y)						
Commercial vehicles (y)						
Light commercial vehicles (y)						
Medium commercial vehicles (y)						
Heavy commercial vehicles (y)						
Trucks and trailers (y)						
Motor cycles (y)						
Parts and accessories (y)						
Automobiles and parts (z)						
Commercial vehicles (z)						
Light commercial vehicles (z)						
Medium commercial vehicles (z)						
Heavy commercial vehicles (z)						
Trucks and trailers (z)						
Motor cycles (z)						
Parts and accessories (z)						
Automobiles and parts (aa)						
Commercial vehicles (aa)						
Light commercial vehicles (aa)						
Medium commercial vehicles (aa)						
Heavy commercial vehicles (aa)						
Trucks and trailers (aa)						
Motor cycles (aa)						
Parts and accessories (aa)						
Automobiles and parts (bb)						
Commercial vehicles (bb)						
Light commercial vehicles (bb)						
Medium commercial vehicles (bb)						
Heavy commercial vehicles (bb)						
Trucks and trailers (bb)						
Motor cycles (bb)						
Parts and accessories (bb)						
Automobiles and parts (cc)						
Commercial vehicles (cc)						
Light commercial vehicles (cc)						
Medium commercial vehicles (cc)						
Heavy commercial vehicles (cc)						
Trucks and trailers (cc)						
Motor cycles (cc)						
Parts and accessories (cc)						
Automobiles and parts (dd)						
Commercial vehicles (dd)						
Light commercial vehicles (dd)						
Medium commercial vehicles (dd)						
Heavy commercial vehicles (dd)						
Trucks and trailers (dd)						
Motor cycles (dd)						
Parts and accessories (dd)						
Automobiles and parts (ee)						
Commercial vehicles (ee)						
Light commercial vehicles (ee)						
Medium commercial vehicles (ee)						
Heavy commercial vehicles (ee)						
Trucks and trailers (ee)						
Motor cycles (ee)						
Parts and accessories (ee)						
Automobiles and parts (ff)						
Commercial vehicles (ff)						
Light commercial vehicles (ff)						
Medium commercial vehicles (ff)						
Heavy commercial vehicles (ff)						
Trucks and trailers (ff)						
Motor cycles (ff)						
Parts and accessories (ff)						
Automobiles and parts (gg)						
Commercial vehicles (gg)						
Light commercial vehicles (gg)						
Medium commercial vehicles (gg)						
Heavy commercial vehicles (gg)						
Trucks and trailers (gg)						
Motor cycles (gg)						
Parts and accessories (gg)						
Automobiles and parts (hh)						
Commercial vehicles (hh)						
Light commercial vehicles (hh)						
Medium commercial vehicles (hh)						
Heavy commercial vehicles (hh)						
Trucks and trailers (hh)						
Motor cycles (hh)						
Parts and accessories (hh)						
Automobiles and parts (ii)						
Commercial vehicles (ii)						
Light commercial vehicles (ii)						
Medium commercial vehicles (ii)						
Heavy commercial vehicles (ii)						
Trucks and trailers (ii)						
Motor cycles (ii)						
Parts and accessories (ii)						
Automobiles and parts (jj)						
Commercial vehicles (jj)						
Light commercial vehicles (jj)						
Medium commercial vehicles (jj)						
Heavy commercial vehicles (jj)						
Trucks and trailers (jj)						
Motor cycles (jj)						
Parts and accessories (jj)						
Automobiles and parts (kk)						
Commercial vehicles (kk)						
Light commercial vehicles (kk)						
Medium commercial vehicles (kk)						
Heavy commercial vehicles (kk)						



**APPENDIX C**  
**MEASURES OF VARIABILITY**

1. Tables 4 and 5 show selected measures of variability for all Australian and most State series published in seasonally adjusted form by the ABS (and certain other organisations). Some of the series adjusted are issued in publications of the Reserve Bank of Australia and the Department of Employment and Youth Affairs. Details are given of the original and seasonally adjusted series, and of component series as computed in the course of seasonal adjustment, i.e. the trend, seasonal and irregular components. A corresponding measure of the variability of trading-day adjustment factors, where applicable, is also shown as well as a measure of the months for cyclical dominance (M.C.D.).

2. The measures of variability relating to the original, seasonally adjusted and trend series exclude the effects of abrupt changes in level for which adjustments have been made, and similarly those for the seasonal factors do not include the effects of abrupt changes in the seasonal pattern. This exclusion means the measure (estimated over the whole series) for the seasonal factors reflects only the seasonal behaviour identified after the last abrupt change in seasonal pattern.

**TABLE 4. AUSTRALIAN SERIES**

Series description	Page no.	Average percentage change without regard to sign + :							
		From month to month * in the				From year to year in the seasonal factors			
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading-day adjustment	to year in the seasonal factors	M.C.D. †
<b>MINERAL EXPLORATION —</b>									
Mineral Exploration (Other than for petroleum and oil shale) —									
Expenditure by principal enterprises	2	19.89	7.31	6.00	2.38	16.65	..	0.11	1
<b>MINERAL PRODUCTION —</b>									
Black coal (a)(b)	3	17.79	5.0	1.10	4.83	2.64	15.90	0.29	5
<b>AGRICULTURAL PRODUCTION —</b>									
Beef (c)	**	8.68	5.54	2.02	4.79	6.42	3.23	0.46	3
Veal (c)	**	15.92	7.28	2.55	6.64	12.75	3.55	0.83	3
Mutton (c)	**	10.69	6.45	2.61	5.65	7.90	3.11	1.07	3
Lamb (c)	**	10.05	5.08	1.71	4.61	7.26	3.44	0.79	4
Pigmeat (c)	**	7.88	2.96	0.81	2.81	4.52	6.36	0.29	4
Total meat (a)(c)	4	7.38	4.49	1.49	4.07	4.93	3.55	0.61	3
Whole milk	5	18.42	2.54	1.00	2.18	18.01	4.05	0.54	4
Brokers' and dealers' receivals of taxable wool	6	29.21	9.24	1.53	8.60	25.45	8.37	0.76	6
<b>MANUFACTURING PRODUCTION —</b>									
Electricity (a)	7	5.24	1.39	0.59	1.25	4.56	4.00	0.10	3
Gas (d)	8	8.78	2.79	1.20	2.39	6.74	3.96	0.37	3
Raw steel (d)	9	6.99	4.91	1.24	4.58	4.18	3.96	0.23	5
Pig iron	**	6.86	4.88	1.50	4.40	1.70	3.86	0.30	4
Blooms and slabs (a)	**	7.46	5.52	1.12	5.36	2.84	3.84	0.30	6
Tinplate (a)	**	8.51	6.91	2.37	6.25	2.09	3.91	0.35	4
Cement (a)(d)	10	10.11	4.06	0.47	3.98	9.29	3.90	0.24	6
Clay bricks (a)(d)	11	11.17	2.77	2.95	2.52	12.98	5.62	0.19	3
Sulphuric acid (a)(d)	**	10.39	7.73	2.12	7.26	9.96	3.94	0.51	5
Motor vehicles (a)(d)	12	25.17	5.87	1.61	5.33	29.85	6.31	0.38	4
Cars and station wagons (a)(d)	**	26.40	6.62	1.85	6.18	30.63	5.93	0.38	4
Utilities and panel vans (a)(d)	**	27.81	13.64	3.15	12.95	29.25	..	0.73	6
Trucks and truck type vehicles (a)(d)	**	22.10	7.58	2.13	7.09	27.74	5.10	0.43	4
Electric motors under 720W (a)(d)	13	19.35	5.09	1.60	4.65	21.71	6.41	0.41	4
Electric motors 720W and over (a)(d)	**	23.51	11.44	1.51	11.44	29.46	..	0.69	6
Internal combustion engines (a)(e)	**	31.29	17.80	4.13	16.33	24.49	..	1.10	5

For footnotes see end of table.

## APPENDIX C - continued

TABLE 4. AUSTRALIAN SERIES - continued

Average percentage change without regard to sign + :

Series description	Page no.	From month to month * in the					Trading day	From year to year	M. C. D. f			
		Seasonally		Trend series	Irregular series	Seasonal factors						
		Original series	adjusted series									
<b>MANUFACTURING PRODUCTION - continued</b>												
Lawn mowers (e)	**	42.01	17.87	3.88	16.77	34.76	..	3.02	6			
Domestic refrigerators (a)(d)	14	18.36	7.60	2.16	7.08	17.00	7.55	0.64	4			
Clothes washing machines (a)(d)	**	20.66	6.90	2.05	6.30	20.57	6.33	0.45	4			
Television sets (a)(d)	15	25.74	6.84	2.10	6.22	23.17	7.84	0.85	4			
Textile floor coverings (a)(d)	16	21.40	6.15	1.67	5.63	23.04	5.66	0.35	4			
Particle board (d)	17	21.63	5.62	1.95	5.12	25.50	8.49	0.35	3			
Cotton woven cloth (a)(d)	18	22.74	7.40	1.52	6.90	22.12	8.17	0.39	6			
Woollen and worsted woven cloth (a)(d)	**	20.00	5.65	1.77	5.22	22.55	8.98	0.35	3			
Synthetic fibre woven cloth (a)(d)	19	19.80	6.80	2.30	6.13	27.58	5.39	0.39	3			
Cellulosic fibre woven cloth (a)(d)	**	20.18	5.94	1.43	5.64	35.21	4.62	0.38	5			
Cotton yarn (a)(d)	**	23.08	7.54	1.53	7.24	26.57	5.78	0.37	6			
Woollen yarn (a)(d)	20	19.44	4.65	1.22	4.29	22.51	8.16	0.26	4			
Beer (a)	21	10.49	4.30	0.32	4.26	7.49	6.67	0.29	6			
Tobacco and cigarettes (a)(d)	22	17.79	6.86	0.51	6.79	20.69	5.90	0.45	6			
Chocolate-based confectionery (a)	**	22.33	6.42	1.24	6.08	21.08	7.29	0.47	6			
Other confectionery (a)	**	16.43	4.73	0.54	4.64	16.18	4.97	0.34	6			
Confectionery (a)(c)	23	18.00	4.74	0.48	4.64	16.97	6.01	0.58	6			
<b>MERCHANDISE TRADE -</b>												
Exports and Imports of Merchandise at Current Prices -												
Exports of merchandise -												
Rural origin	**	7.37	6.32	3.58	4.12	3.45	..	0.42	2			
Non-rural origin	**	8.04	5.81	4.55	2.94	5.76	..	0.33	1			
Total (c)	**	5.98	5.18	3.62	3.16	3.40	..	0.30	1			
Imports of merchandise	**	7.01	5.95	4.64	2.62	3.50	..	0.39	1			
Exports and Imports of Merchandise at Average 1974-75 Prices -												
Exports of merchandise -												
Rural origin	**	8.00	6.67	4.04	4.07	4.16	..	0.51	2			
Non-rural origin	**	7.14	4.57	3.00	2.68	5.79	..	0.32	1			
Total (c)	**	6.03	4.72	2.85	3.16	4.35	..	0.34	2			
Imports of merchandise	**	5.64	4.77	3.62	2.30	3.00	..	0.29	1			
<b>BALANCE OF PAYMENTS -</b>												
Balance of Payments, Current Account -												
Visible trade -												
Exports f.o.b. (monthly)	**	8.06	5.88	1.56	5.46	4.20	5.44	0.27	4			
Imports f.o.b. (monthly)	**	10.12	5.54	1.93	4.99	5.54	5.51	0.30	3			
Exports f.o.b.	24	7.16	5.22	3.77	2.99	4.49	..	0.39	1			
Imports f.o.b.	25	6.66	5.79	4.91	2.48	3.07	..	0.37	1			
Balance of trade (c)(f)	26	124	93	70	50	95	..	11	1			

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading -day adjustment	From year to year in the seasonal factors	M. C. D. †				
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors							
<b>BALANCE OF PAYMENTS - <i>continued</i></b>													
<b>Balance of Payments, Current Account - <i>continued</i></b>													
Invisible credits -													
Gold production (g)	**	3	4	2	2	3	..	1	2				
Transportation (c)(d)	**	5.05	4.21	3.47	1.78	2.65	..	0.25	1				
Travel (d)	**	17.22	6.52	4.86	3.46	13.08	..	0.55	1				
Government (c)(h)	**	20.68	21.64	12.40	14.44	3.27	..	3.02	2				
Miscellaneous (c)(d)	**	15.04	15.04	8.97	10.98	..	..	..	2				
Property income (c)(d)	**	14.89	10.95	6.50	7.51	4.53	..	0.77	2				
Transfers (c)	**	9.34	9.08	5.74	6.08	2.61	..	0.49	2				
Total invisible credits (c)(d)(h)	27	4.99	4.55	3.45	2.24	2.49	..	0.49	1				
Invisible debits -													
Freight on imports	**	6.78	6.28	4.69	4.08	2.54	..	0.42	1				
Other transportation (c)(d)	**	9.04	5.26	3.79	3.10	9.21	..	0.91	1				
Travel (d)	**	27.44	5.97	3.69	3.86	26.22	..	0.85	2				
Government (c)(d)	**	17.72	9.15	4.07	7.86	14.85	..	0.83	2				
Miscellaneous (c)(d)	**	12.28	11.57	5.57	9.07	8.22	..	0.93	2				
Property income -													
Undistributed investment income (i)	**	9.09	9.09	8.44	8.65	..	..	..	2				
Other investment income (c)(d)(e)	**	22.64	14.87	5.42	12.30	14.66	..	1.45	2				
Royalties and copyrights	**	17.27	13.97	7.71	9.57	7.63	..	1.37	2				
Government transfers (c)(e)	**	19.81	16.07	6.10	12.51	9.94	..	2.17	2				
Private transfers (c)	**	10.76	8.80	4.58	6.19	4.08	..	0.64	2				
Total invisible debits (c)(d)	28	6.79	4.78	3.13	2.82	4.87	..	0.55	1				
Net invisibles (c)(f)	**	49	34	18	24	41	..	8	2				
Balance on current account (c)(f)	29	114	98	75	50	66	..	11	1				
<b>MIGRATION -</b>													
Short-term visitors arriving (c)(e)	**	15.94	4.51	1.23	4.27	15.15	4.07	0.85	4				
Total arrivals (a)(c)(e)	**	12.30	4.32	1.01	4.13	10.34	4.08	0.83	4				
Short-term Australian residents departing (a)(d)	**	28.39	5.92	1.29	5.63	27.56	4.41	1.00	5				
Total departures (c)(e)	**	15.57	4.67	1.00	4.44	13.78	4.11	0.67	4				
<b>CIVILIAN LABOUR FORCE -</b>													
Civilian labour force -													
Males	30	0.64	0.41	0.38	0.15	0.57	..	0.02	1				
Married females	**	1.68	1.46	1.30	0.64	0.88	..	0.08	1				
All females	31	1.23	1.09	0.98	0.48	0.79	..	0.07	1				
Persons	32	0.80	0.60	0.57	0.23	0.62	..	0.03	1				
Participation rates -													
Males	33	0.63	0.24	0.17	0.15	0.54	..	0.02	1				
Married females	**	1.44	1.11	0.94	0.59	0.87	..	0.08	1				
All females	34	1.04	0.33	0.64	0.47	0.75	..	0.07	1				
Persons	**	0.68	0.34	0.24	0.22	0.60	..	0.03	1				
Employed persons -													
Males	35	0.49	0.41	0.38	0.16	0.33	..	0.02	1				
Married females	**	2.02	1.40	1.30	0.56	1.40	..	0.07	1				
All females	36	1.24	1.05	0.94	0.44	0.73	..	0.06	1				
Persons	37	0.68	0.59	0.54	0.20	0.36	..	0.03	1				

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued*

Series description	Page no.	From month to month * in the						Trading-day adjustment	From year to year in the seasonal factors	M.C.D. †			
		Seasonally adjusted series			Trend series	Irregular series	Seasonal factors						
		Original series	Seasonally adjusted series	Trend series									
<b>OVERTIME -</b>													
Survey of Overtime in Larger Private Factories (C.E.S.) (a)(b)	**	7.33	3.30	1.99	2.32	5.95	..	0.39	2				
<b>WAGES AND SALARIES -</b>													
Average weekly earnings per employed male unit (b)(h)	38	5.74	2.89	2.87	0.68	4.00	1.43	0.09	1				
Average weekly ordinary time earnings, full-time non-managerial adult male employees (b)(h)	39	5.86	3.10	3.05	0.75	4.23	1.43	0.09	1				
<b>RETAIL TRADE -</b>													
<b>Quarterly Retail Sales at Current Prices -</b>													
Food and drink (a)(c)(h)	40	5.55	2.30	2.25	0.45	4.66	1.02	0.08	1				
Groceries (a)(h)	**	6.49	2.49	2.44	0.51	4.52	1.04	0.09	1				
Butchers' meat (a)(h)	**	3.87	2.37	2.26	0.76	2.20	1.06	0.09	1				
Other food (a)(h)	**	4.65	2.21	2.11	0.66	3.99	1.03	0.09	1				
Beer, wine and spirits (a)(h)	**	9.09	2.47	2.26	0.82	9.11	1.00	0.13	1				
Clothing, hardware, electrical, and furniture (a)(d)(c)(h)	42	17.51	2.82	2.22	0.66	17.05	1.00	0.10	1				
Clothing and drapery (a)(h)	**	22.11	2.14	2.05	0.90	21.39	1.05	0.10	1				
Footwear (a)(d)(h)	**	19.40	2.44	2.06	0.96	15.53	1.08	0.27	1				
Hardware, china and glassware (a)(d)(h)	**	18.88	2.98	2.62	1.05	18.87	1.02	0.23	1				
Electrical goods (a)(d)(h)	**	13.52	3.30	2.82	1.15	13.10	1.00	0.24	1				
Furniture and floor coverings (a)(d)(h)	**	14.48	2.84	2.53	0.88	10.47	1.05	0.12	1				
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(c)(h)	44	12.76	2.44	2.39	0.57	10.82	1.03	0.10	1				
Chemists' goods (a)(h)	**	10.48	2.41	2.36	0.66	8.23	1.00	0.10	1				
Newspapers, books and stationery (a)(h)	**	10.87	2.66	2.44	1.29	10.46	1.14	0.24	1				
Other goods (excl. motor vehicles, parts, petrol, etc.) (a)(h)	**	16.39	2.52	2.42	0.76	14.02	1.03	0.09	1				
All items (excl. motor vehicles, parts, petrol, etc.) (a)(c)(d)(h)	46	10.29	2.27	2.22	0.44	9.35	1.01	0.08	1				
<b>Quarterly Retail Sales at Constant Prices -</b>													
Food and drink (a)(c)(h)	41	4.99	1.06	0.87	0.52	4.65	1.02	0.09	1				
Clothing, hardware, electrical, and furniture (a)(c)(d)(h)	43	17.15	1.56	1.26	0.68	16.60	1.00	0.10	1				
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(c)(h)	45	11.90	1.28	1.07	0.60	10.86	1.03	0.12	1				
All items (excl. motor vehicles, parts, petrol, etc.) (a)(c)(h)	47	9.54	1.07	0.93	0.48	9.05	1.01	0.08	1				
<b>Monthly Retail Sales -</b>													
All items (excl. motor vehicles, parts, petrol, etc.) (a)(d)(h)(j)	48	8.64	1.01	0.80	0.61	6.87	4.38	0.09	1				

For footnotes see end of table.

## APPENDIX C - continued

TABLE 4. AUSTRALIAN SERIES - continued

Average percentage change without regard to sign + :

Series description	Page no.	From month to month * in the					Trading-day adjustment	From year to year in the seasonal factors	M.C.D. †				
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors							
<b>MOTOR VEHICLE REGISTRATIONS -</b>													
Registrations of New Motor Vehicles -													
Cars and station wagons (a)	49	10.58	5.39	1.52	5.07	6.23	6.48	0.38	5				
Other vehicles (a)	50	11.46	5.35	1.43	4.94	8.04	6.62	0.33	5				
Total (a)(c)	51	10.52	4.96	1.28	4.69	6.49	6.51	0.35	5				
<b>WINE -</b>													
Sales of Australian Wine by Winemakers -													
Dry white	**	14.66	5.92	1.92	5.38	11.36	..	0.48	4				
Dry red	**	14.00	5.60	1.13	5.41	13.02	..	0.51	6				
Table wine	52	12.91	5.27	1.23	4.88	10.22	..	0.36	5				
Sparkling	**	24.34	8.54	0.99	8.33	20.43	..	0.36	6				
Total wine	53	12.05	4.92	0.64	4.79	10.06	..	0.30	6				
<b>TRACTORS -</b>													
New Wheeled Tractors Sold for Agricultural Purposes (a)(d)													
Persons killed (a)	**	18.11	8.36	5.17	5.01	16.11	..	0.98	1				
<b>ROAD TRAFFIC ACCIDENTS -</b>													
Persons killed (a)	**	11.59	7.69	0.66	7.60	6.58	5.01	0.48	6				
Persons injured	**	6.27	2.98	1.53	2.25	4.11	..	0.24	2				
Number of accidents	**	6.38	2.66	1.38	2.12	4.24	..	0.21	2				
<b>BUILDING -</b>													
Building Approved -													
Number of -													
Total new dwellings approved (a)(d)	**	11.24	5.43	1.46	5.17	9.27	6.47	0.30	4				
New private dwellings approved (a)(d)	54	10.32	4.41	1.58	3.98	8.39	6.51	0.23	3				
Value of -													
Total new dwellings approved (a)(d)	**	11.08	5.53	1.71	5.14	8.91	6.65	0.33	3				
Alterations and additions to dwellings	**	10.09	6.38	2.61	5.84	6.26	5.56	0.28	3				
Total building approved (a)	55	12.22	8.08	1.58	7.81	8.96	6.57	0.45	5				
Building Commenced -													
Number of -													
Total new dwellings commenced	**	6.18	4.38	3.38	2.53	4.24	..	0.29	1				
New private dwellings commenced	56	6.54	4.42	3.71	2.35	4.12	..	0.21	1				
New houses commenced	**	5.97	4.08	2.85	2.33	4.10	..	0.25	1				
Other new dwellings commenced	**	13.84	11.80	8.22	7.86	5.78	..	0.97	1				
Value of -													
Total new dwellings commenced	57	7.45	5.10	4.09	2.51	5.27	..	0.28	1				
Other building commenced	58	11.65	9.05	4.68	6.44	7.03	..	0.95	2				
Total building commenced	59	8.23	5.80	3.63	3.74	5.09	..	0.51	2				
Building Under Construction -													
Number of -													
Total new dwellings under construction	**	4.32	3.07	2.85	0.71	3.13	..	0.11	1				

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading-day adjustment	From year to year in the seasonal factors	M.C.D. †				
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors							
<b>BUILDING - <i>continued</i></b>													
<b>Building Completed -</b>													
Number of -													
Total new dwellings completed	**	10.13	2.96	2.14	1.58	9.15	..	0.19	1				
New private dwellings completed	60	8.70	3.17	2.58	1.68	7.53	..	0.20	1				
New houses completed	**	9.68	2.41	1.87	1.39	8.84	..	0.17	1				
Other new dwellings completed	**	16.40	9.37	6.08	5.64	13.23	..	0.69	1				
Value of -													
Total new dwellings completed	**	11.16	3.31	2.83	1.51	9.65	..	0.22	1				
Alterations and additions to dwellings	**	19.97	8.97	8.58	3.05	7.64	..	0.44	1				
Other building completed	**	11.23	8.18	3.98	5.81	6.22	..	0.55	2				
Private other building completed	**	13.78	9.60	4.53	6.90	8.73	..	0.61	2				
Total building completed	61	10.07	4.59	2.99	2.85	7.68	..	0.31	1				
<b>Value of Work Done on -</b>													
New houses	62	5.83	3.41	3.04	1.28	5.03	..	0.14	1				
Other new dwellings	**	8.27	6.28	5.29	2.72	4.43	..	0.29	1				
Total new dwellings	63	5.80	3.64	3.30	1.16	4.78	..	0.14	1				
Alterations and additions to dwellings	**	11.13	8.97	7.95	2.71	5.53	..	0.22	1				
Other building	64	6.90	3.73	3.01	2.17	5.75	..	0.23	1				
Private other building	**	7.80	4.49	3.50	2.40	6.55	..	0.28	1				
Total building	65	5.85	3.15	2.86	1.23	5.07	..	0.16	1				
<b>CAPITAL EXPENDITURE -</b>													
<b>Actual New Fixed Capital Expenditure by Private Enterprises -</b>													
<b>New Buildings and structures -</b>													
Mining (h)	**	26.93	18.78	11.75	12.70	19.17	..	0.92	2				
Manufacturing (h)	**	21.61	7.83	5.35	4.65	19.98	..	0.49	1				
Finance, property and business services (h)	**	18.64	9.79	5.34	6.59	14.35	..	0.46	2				
Other industries (h)	**	21.84	8.21	5.18	5.50	18.76	..	0.75	2				
All industries (h)	66	17.64	5.55	3.91	3.48	15.70	..	0.41	1				
<b>Other new capital equipment -</b>													
Mining (h)	**	24.72	17.72	10.63	11.27	17.74	..	1.06	2				
Manufacturing (h)	**	17.02	5.18	3.62	3.18	16.59	..	0.28	1				
Finance, property and business services (h)	**	30.87	13.17	8.89	7.35	14.99	..	0.66	1				
Other industries (h)	**	18.10	8.48	4.98	6.42	12.60	..	0.52	2				
All industries (h)	67	15.72	5.57	4.12	3.20	14.49	..	0.31	1				

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading -day adjustment	From year to year in the seasonal factors	M. C. D. †				
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors							
<b>CAPITAL EXPENDITURE - <i>continued</i></b>													
<b>Actual New Fixed Capital Expenditure by Private Enterprises - <i>continued</i></b>													
Total new capital expenditure -													
Mining (h)	68	22.12	12.62	9.44	6.99	18.48	..	0.76	1				
Manufacturing (h)	69	17.84	4.76	3.54	2.91	17.56	..	0.25	1				
Food, beverages and tobacco (h)	**	17.09	7.56	4.48	5.21	16.66	..	0.64	2				
Paper and printing (h)	**	21.26	13.84	6.20	11.03	18.60	..	0.89	2				
Chemicals (h)	**	20.48	10.94	6.79	6.89	18.06	..	0.62	2				
Basic metal products (h)	**	22.57	10.65	7.96	5.48	19.71	..	0.64	1				
Fabricated metal products	**	22.13	9.14	4.93	6.21	22.19	..	0.82	2				
Other manufacturing (h)	**	15.12	9.00	3.97	6.80	11.42	..	0.58	2				
Finance, property and business services (h)	70	17.80	8.26	5.89	4.59	12.46	..	0.39	1				
Other industries (h)	71	17.79	7.10	4.07	4.98	13.85	..	0.35	2				
Wholesale	**	20.54	9.43	4.02	7.85	18.45	..	0.90	2				
Retail (h)	**	23.76	12.19	6.76	8.63	18.44	..	0.83	2				
Other non-manufacturing (h)	**	23.02	10.59	6.97	6.33	19.55	..	1.14	1				
All industries (h)	72	15.83	4.41	3.61	2.25	15.12	..	0.29	1				
<b>Expected New Fixed Capital Expenditure by Private Enterprises -</b>													
New Buildings and structures -													
Mining (i)	**	18.62	18.62	11.89	10.37	..	..	..	1				
Manufacturing (i)	**	12.55	12.55	10.58	4.56	..	..	..	1				
Finance, property and business services	**	9.06	8.08	5.81	3.85	4.13	..	0.12	1				
Other industries	**	17.54	14.34	8.57	11.57	14.20	..	1.04	2				
All industries (c)	**	7.00	5.74	4.83	2.73	5.13	..	0.30	1				
Other new capital equipment -													
Mining (i)	**	18.16	18.16	12.38	9.65	..	..	..	1				
Manufacturing (i)	**	10.99	10.99	8.23	4.03	..	..	..	1				
Finance, property and business services (i)	**	21.06	21.06	15.95	8.27	..	..	..	1				
Other industries (i)	**	10.89	10.89	7.22	6.44	..	..	..	1				
All industries (i)	**	9.78	9.78	8.78	2.10	..	..	..	1				
Total new capital expenditure -													
Mining (i)	**	17.28	17.28	11.65	8.56	..	..	..	1				
Manufacturing (i)	**	10.10	10.10	8.03	3.74	..	..	..	1				
Finance, property and business services (c)	**	12.73	12.53	10.86	4.57	1.51	..	0.16	1				
Other industries (c)	**	11.20	8.98	7.68	5.42	5.30	..	0.40	1				
All industries (c)	**	8.53	8.25	7.46	1.81	1.65	..	0.09	1				

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued*

Series description	Page no.	Average percentage change without regard to sign + :							
		From month to month * in the				From year to year in the seasonal factors			
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading-day adjustment	M.C.	D.†
<b>MANUFACTURERS' SALES -</b>									
Actual Sales by Private Manufacturing Enterprises at Current Prices -									
Total	**	8.67	3.14	2.92	1.00	7.15	..	0.05	1
Actual Sales by Private Manufacturing Enterprises at Average 1974-75 Prices -									
Total	**	7.81	1.37	0.85	0.96	7.55	..	0.06	2
<b>STOCKS -</b>									
Stocks owned by Private Enterprises at Current Prices -									
Manufacturing -									
Food, beverages and tobacco (h)	**	3.99	2.86	2.42	1.14	2.80	..	0.17	1
Textiles, clothing and footwear (h)	**	3.59	2.95	2.44	1.28	1.93	..	0.13	1
Paper, paper products, printing and publishing (i)	**	4.28	4.28	3.52	1.82	..	..	..	1
Chemical, petroleum and coal products (h)	**	5.41	4.19	3.46	1.99	2.61	..	0.26	1
Basic metal products (i)	**	4.33	4.33	3.92	1.84	..	..	..	1
Transport equipment (h)	**	5.09	4.61	3.88	1.77	1.48	..	0.18	1
Fabricated metal products, other machinery and equipment (i)	**	3.15	3.15	2.89	0.84	..	..	..	1
Other manufacturing (h)	**	3.68	2.85	2.52	0.96	2.02	..	0.14	1
Total manufacturing (h)	**								
Wholesale trade (h)	**	3.31	3.12	2.97	0.70	1.42	..	0.18	1
Retail trade (h)	**	4.18	4.02	3.81	1.03	1.69	..	0.13	1
Other (c)(h)	**	6.94	5.57	3.98	3.41	5.03	..	0.42	1
Total (h)	**	2.83	2.63	2.58	0.45	0.92	..	0.07	1
Stocks at Average 1974-75 Prices -									
Manufacturing (h)	**	1.84	1.72	1.37	0.69	0.98	..	0.06	1
Other industry (i)	**	3.07	3.07	2.03	2.34	..	..	..	2
Total (c)	**	1.79	1.69	1.11	0.99	0.49	..	0.03	1
<b>TAXATION REVENUE -</b>									
Commonwealth and State Government consolidated revenue funds (a)(c)(d)(e)(h)	73	20.43	3.76	1.37	3.44	20.04	2.36	6.20	3
<b>MONEY SUPPLY -</b>									
Volume of Money -									
Definition M <sub>1</sub> (a)(b)(c)(h)	74	1.58	0.94	0.73	0.58	1.19	0.75	0.08	1
Definition M <sub>2</sub> (a)(b)(c)(d)(h)	75	1.48	0.97	0.86	0.44	1.28	0.48	0.07	1
Definition M <sub>3</sub> (a)(b)(c)(d)(h)	76	1.08	0.87	0.84	0.25	0.70	0.26	0.04	1

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading-day adjustment	From year to year in the seasonal factors	M.C.D. †
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors			
<b>BANKING -</b>									
Savings Banks -									
Depositors' balances (b)(h)	77	0.92	0.83	0.82	0.15	0.46	..	0.03	1
<b>Major Trading Banks -</b>									
Total deposits (b)(c)(d)(h)	78	1.66	1.01	0.88	0.48	1.56	0.55	0.07	1
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.) (d)(h)	**	1.58	1.08	0.94	0.45	1.53	..	0.09	1
Total loans, advances, etc. (d)(h)	79	1.44	1.07	0.98	0.41	1.27	..	0.08	1
Liquid assets and Australian Government securities (h)	80	5.56	2.40	1.71	1.50	4.83	..	0.25	1
New and increased lending commitments (c)(h)	81	11.30	9.04	2.58	8.23	6.01	..	1.03	4
Overdraft limits outstanding (h)	**	0.87	0.83	0.82	0.18	0.23	..	0.07	1
<b>HOUSING FINANCE -</b>									
Housing Finance for Owner Occupation,									
Loans Approved to Individuals for Construction or Purchase of Dwellings -									
Construction of dwellings and purchase of newly erected dwellings -									
Number of dwelling units for which loans have been approved by -									
Savings banks (a)	**	10.47	5.40	1.98	4.81	4.81	8.58	0.31	3
Trading banks (a)	**	16.96	7.22	2.32	6.52	6.38	15.62	0.42	4
Permanent building societies	**	13.59	8.75	4.51	6.54	9.67	4.64	0.82	2
Value of loans approved by -									
Savings banks (a)	**	10.61	5.82	2.39	4.99	4.75	8.58	0.33	3
Trading banks (a)	**	18.03	8.05	2.95	7.11	7.60	15.62	0.44	3
Permanent building societies	**	14.15	9.38	5.06	6.97	9.55	4.64	0.93	2
Purchase of established dwellings -									
Number of dwelling units for which loans have been approved by -									
Savings banks (a)	**	11.32	5.31	2.18	4.48	6.49	9.01	0.28	3
Trading banks (a)	**	17.23	6.13	3.06	4.98	8.21	15.62	0.36	2
Permanent building societies	**	13.88	8.69	5.67	5.37	10.45	6.03	0.95	1
Value of loans approved by -									
Savings banks (a)	**	11.61	5.43	2.69	4.42	6.46	9.01	0.32	2
Trading banks (a)	**	18.60	6.71	4.25	4.80	9.09	15.62	0.42	2
Permanent building societies	**	15.34	9.67	6.45	5.68	10.76	6.03	1.07	1
Total -									
Number of dwelling units for which loans have been approved by -									
Savings banks (a)(c)	82	10.67	4.76	1.95	4.09	5.59	8.82	0.33	3
Trading banks (a)(c)	83	16.91	5.94	2.68	4.94	7.34	15.62	0.37	3
Permanent building societies (c)	84	13.40	8.20	5.12	5.36	10.14	5.39	0.81	2
Value of loans approved by -									
Savings banks (a)(c)	85	10.83	5.00	2.46	4.14	5.47	8.81	0.40	3
Trading banks (a)(c)	86	17.94	6.51	3.41	5.14	8.10	15.62	0.40	2
Permanent building societies (c)	87	14.49	8.92	5.55	5.80	10.20	5.36	0.94	2

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading-day adjustment	From year to year in the seasonal factors	M.C.D.				
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors							
<b>NATIONAL ACCOUNTS —</b>													
<b>National Accounts at Current Prices —</b>													
Household Income —													
Wages, salaries and supplements	110	6.09	2.85	2.81	0.75	4.53	1.31	0.08	1				
Income of farm unincorporated enterprises (f)	**	434	43	33	27	431	..	108	1				
Income of other unincorporated enterprises and from dwellings and interest and dividends (c)	**	22.66	3.07	2.80	1.32	20.33	..	0.69	1				
Third party insurance transfers (i)	**	6.59	6.59	3.91	4.88	..	..	..	2				
Transfers from overseas (c)	**	9.34	9.08	5.74	6.08	2.61	..	0.49	2				
Transfers from general government —													
Cash benefits (b)(c)	**	7.56	3.20	2.78	1.57	1.21	6.49	0.11	1				
Unfunded employee retirement benefits (i)	**	10.32	10.32	7.35	8.28	..	..	..	2				
Total (c)	**	9.62	2.81	2.73	0.70	8.38	..	1.39	1				
Household Outlay —													
Private final consumption (c)	96	6.63	2.63	2.58	0.38	5.00	0.51	0.07	1				
Consumer debt interest (i)	**	3.21	3.21	3.16	1.13	..	..	..	1				
Income tax paid (c)	**	52.01	5.23	3.98	2.79	53.98	..	3.24	1				
Other direct taxes, fees, fines, etc. (c)	**	6.03	3.82	2.54	2.30	4.98	..	0.22	1				
Transfers overseas	**	10.76	8.80	4.58	6.19	4.08	..	0.64	2				
Savings (f)	114	843	97	52	72	840	..	148	2				
Total (c)	**	9.62	2.81	2.73	0.70	8.38	..	1.39	1				
Household Disposable Income (c)	113	15.06	2.75	2.62	0.94	14.16	..	1.64	1				
Household Saving Ratio (k)	115	..	..	..	..	..	..	..	..				
<b>Gross Domestic Product —</b>													
Gross farm product (c)	90	72.72	6.65	5.29	4.14	72.13	..	12.42	1				
Gross non-farm product (b)(c)	92	7.42	2.93	2.86	0.65	5.19	0.78	0.12	1				
Total (b)(c)	88	9.44	2.85	2.78	0.65	7.74	0.72	0.89	1				
Gross Domestic Product at Factor Cost (b)(c)(h)	111	10.57	2.81	2.75	0.65	9.11	0.78	1.03	1				
<b>Gross Operating Surplus —</b>													
Trading enterprises —													
Companies (c)	108	15.73	4.58	3.52	2.81	12.97	..	0.51	1				
Dwellings owned by persons (d)	**	10.84	3.85	3.66	1.26	9.05	..	0.23	1				
Public enterprises	**	24.25	7.00	3.61	5.27	20.56	..	0.77	2				
Other (c)	109	36.26	3.74	3.15	2.13	35.82	..	6.30	1				
Financial enterprises less imputed bank service charge (l)	**	11	10	7	5	5	..	1	1				
Indirect Taxes less Subsidies (c)(d)	112	6.76	3.68	3.19	1.62	5.04	..	0.55	1				

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued**Average percentage change without regard to sign + :*

Series description	Page no.	From month to month * in the					Trading-day adjustment	From year to year in the seasonal factors	M.C.D. †
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors			
<b>NATIONAL ACCOUNTS - <i>continued</i></b>									
Exports of Goods and Services (c)(d)	**	6.45	4.80	3.57	2.70	3.78	..	0.35	1
Imports of Goods and Services (c)(d)	**	5.61	5.01	4.42	2.08	2.27	..	0.37	1
Gross National Expenditure (b)(c)(d)	94	9.26	3.00	2.95	0.73	7.50	0.72	0.95	1
Final Consumption Expenditure -									
Private -									
Food (a)	**	5.07	2.31	2.27	0.45	3.27	1.03	0.08	1
Cigarettes, tobacco and alcoholic drinks (a)(c)(d)		7.83	2.39	2.29	0.73	7.53	0.69	0.08	1
Clothing, footwear and drapery (a)(c)(d)	**	21.51	2.23	2.14	0.82	19.30	1.01	0.08	
Household durables (a)(c)(d)	**	15.09	2.93	2.78	0.90	12.24	0.99	0.23	1
Purchase of motor vehicles	**	8.37	5.79	3.77	3.37	5.98	..	0.51	1
Rent (i)	**	3.35	3.35	3.33	0.36	..	..	..	1
Other goods and services (a)(c)(d)	**	4.75	2.83	2.77	0.46	3.11	0.22	0.10	1
Total (c)	96	6.63	2.63	2.58	0.38	5.00	0.51	0.07	1
Government (c)	98	10.72	3.91	3.49	1.64	10.52	..	0.27	1
Gross Fixed Capital Expenditure -									
Private -									
Dwellings	**	5.07	3.94	3.66	1.19	3.36	..	0.14	1
Other building and construction	**	14.88	5.01	3.79	3.19	13.27	..	0.46	1
All other	**	13.14	4.87	3.35	2.97	12.65	..	0.29	1
Total (c)	102	9.85	3.66	3.08	1.87	9.35	..	0.29	1
Public -									
Public enterprises (c)(d)	**	15.93	5.19	3.32	3.94	19.24	..	0.47	2
General government (c)	**	26.56	4.57	3.08	2.82	25.35	..	0.46	1
Total (c)(d)	104	20.73	3.91	2.78	2.61	22.08	..	0.39	1
Total (c)(d)	100	13.62	3.21	2.80	1.62	13.96	..	0.29	1
Increase in Stocks -									
Farm and miscellaneous (c)(d)(f)	**	404	87	46	75	404	..	119	2
Private non-farm (c)(f)	106	159	109	63	79	110	..	23	2
Total (c)(d)(f)	**	401	138	82	96	375	..	123	2
Statistical Discrepancy (c)(f)	**	425	119	49	107	389	..	70	2

For footnotes see end of table.

APPENDIX C - *continued*TABLE 4. AUSTRALIAN SERIES - *continued*

Series description	Page no.	From month to month * in the						Average percentage change without regard to sign + :								
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading-day adjustment	From year to year in the seasonal factors								
								M.	C.							
<b>NATIONAL ACCOUNTS - <i>continued</i></b>																
<b>National Accounts at Average 1974-75</b>																
<b>Prices —</b>																
Gross Domestic Product —																
Gross farm product (c)	91	99.65	5.64	4.73	4.54	99.83	..	19.18	1							
Gross non-farm product (b)	93	6.75	1.35	1.06	0.71	5.73	0.78	0.09	1							
Total (b)(c)	89	9.03	1.34	1.05	0.68	8.48	0.73	1.35	1							
Exports of Goods and Services (c)(d)	**	5.27	4.03	2.59	2.56	3.19	..	0.34	1							
Imports of Goods and Services (c)(d)	**	4.63	4.15	2.97	2.04	1.88	..	0.31	1							
Gross National Expenditure (b)(c)(d)	95	8.67	1.54	1.25	0.94	8.19	0.73	1.39	1							
<b>Final Consumption Expenditure —</b>																
Private —																
Food (a)	**	4.45	1.03	0.78	0.48	3.64	0.99	0.09	1							
Cigarettes, tobacco and alcoholic drinks (a)(c)(d)	**	6.94	1.48	1.14	0.94	6.52	0.68	0.19	1							
Clothing, footwear and drapery (a)(c)(d)	**	20.20	1.64	1.22	0.94	18.35	1.02	0.16	1							
Household durables (a)(c)(d)	**	15.69	2.33	2.07	0.88	13.18	0.98	0.21	1							
Purchase of motor vehicles	**	7.63	5.34	2.75	3.42	5.22	..	0.41	2							
Rent (i)	**	1.17	1.17	1.15	0.05	..	..	..	1							
Other goods and services (a)(c)(d)	**	3.53	1.24	1.05	0.53	3.06	0.20	0.09	1							
Total (c)	97	5.47	1.09	0.99	0.37	4.91	0.47	0.07	1							
Government	99	8.10	2.03	1.48	1.44	8.50	..	0.19	1							
<b>Gross Fixed Capital Expenditure —</b>																
Private —																
Dwellings	**	4.94	3.24	2.84	1.13	3.69	..	0.13	1							
Other building and construction	**	16.08	5.05	3.36	3.80	15.50	..	0.37	2							
All other	**	13.91	3.90	2.40	2.57	13.46	..	0.17	2							
Total (c)	103	10.37	2.77	2.03	1.67	10.01	..	0.22	1							
Public (c)	105	20.17	2.54	1.49	1.99	21.96	..	0.31	2							
Total (c)(d)	101	13.95	1.99	1.23	1.43	13.82	..	0.34	2							
<b>Increase in Stocks —</b>																
Farm and miscellaneous (c)(d)(f)	**	686	128	72	97	203	..	15	2							
Private non-farm (c)(f)	107	234	148	72	104	115	..	10	2							
Total (c)(d)(f)	**	703	201	102	152	117	..	16	2							
Statistical Discrepancy (c)(f)	**	492	139	65	112	505	..	78	2							

+ The measure represents average differences between months or quarters where the adjustment has been derived by direct additive analysis.

\* From quarter to quarter in quarterly series; from half-year to half-year in half-yearly series.

† Q.C.D. for quarterly series; half-years for cyclical dominance for half-yearly series.

\*\* Series not published in this publication.

APPENDIX C – *continued*TABLE 4. AUSTRALIAN SERIES – *continued*

- (a) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.
- (b) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation, other than a simple weekly pattern (For further details, see Appendix B).
- (c) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.
- (d) In seasonally adjusting this series, allowance has been made by prior adjustment for an apparent abrupt change in seasonality (For further details, see Appendix B).
- (e) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of exceptional irregular movements (For further details, see Appendix B).
- (f) Measures for the trend and irregular components (and the Q.C.D.) relate to estimates derived by a direct additive analysis of the aggregatively adjusted series. The measures represent average quarter to quarter differences.
- (g) Series is directly adjusted up to June quarter 1969. However from September quarter 1968 until December quarter 1975 (after which it ceases to exist as a separate series) the series is aggregatively adjusted and the measures of variability are calculated as described in footnote (f).
- (h) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities (For further details, see Appendix B).
- (i) Series contains insignificant stable seasonality. No adjustments have been made to the original data.
- (j) Trading day weights reflect apparent changes in trading day pattern in recent years (For further details, see Appendix B).
- (k) Meaningful measures of variability for this series are not obtainable.
- (l) Series is adjusted by direct additive analysis. The measures represent average quarter to quarter differences.



APPENDIX C — *continued*

TABLE 5. STATE SERIES

*Average percentage change without regard to sign :*

Series description	From month to month * in the					Trading -day adjust- ment	From year to year in the seasonal factors	M. C. D. †
	Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors			
<b>WAGES AND SALARIES —</b>								
Average weekly earnings per employed male unit —								
New South Wales (a)(b)	5.74	2.95	2.89	0.80	4.26	1.58	0.09	1
Victoria (a)(b)	6.13	2.83	2.80	0.94	4.41	1.31	0.12	1
Queensland (a)(b)	6.19	2.98	2.92	0.92	4.66	1.27	0.11	1
South Australia (a)(b)	5.14	2.93	2.91	0.84	2.62	1.36	0.10	1
Western Australia (a)(b)	4.75	2.98	2.89	0.66	2.46	1.22	0.10	1
Tasmania (a)(b)	7.22	3.10	2.93	1.24	5.88	2.23	0.16	1
<b>RETAIL TRADE —</b>								
<b>Quarterly Retail Sales —</b>								
Food and drink —								
New South Wales (b)(c)	5.83	2.20	2.12	0.61	4.52	1.01	0.09	1
Victoria (b)(c)	4.95	2.38	2.25	0.58	4.46	1.02	0.08	1
Queensland (b)(c)	5.61	2.62	2.49	0.77	4.35	1.07	0.09	1
South Australia (b)(c)	5.32	2.27	2.20	0.63	4.79	1.03	0.08	1
Western Australia (b)(c)	5.83	2.78	2.65	0.84	5.11	1.03	0.16	1
Tasmania (b)(c)	5.44	2.35	2.24	0.69	4.84	0.99	0.08	1
Clothing, hardware, electrical, etc. —								
New South Wales (b)(c)	19.21	2.30	2.15	0.90	18.30	1.02	0.10	1
Victoria (b)(c)	18.11	2.25	2.08	0.81	17.50	1.06	0.17	1
Queensland (b)(c)	14.70	2.63	2.44	0.87	13.05	1.01	0.11	1
South Australia (b)(c)	15.72	2.49	2.30	0.99	14.97	1.06	0.16	1
Western Australia (b)(c)	15.92	2.69	2.50	1.06	14.91	1.05	0.14	1
Tasmania (b)(c)	18.05	2.37	2.07	0.85	17.43	1.08	0.24	1
All other goods (excl. motor vehicles, parts, petrol, etc.) —								
New South Wales (b)(c)	13.19	2.45	2.36	0.92	11.28	1.04	0.15	1
Victoria (b)(c)	13.43	2.45	2.30	0.72	11.80	1.04	0.15	1
Queensland (b)(c)	11.10	2.67	2.58	0.69	8.90	1.04	0.10	1
South Australia (b)(c)	13.19	2.48	2.38	0.69	11.50	1.02	0.18	1
Western Australia (b)(c)	13.41	2.78	2.65	0.73	11.66	1.04	0.16	1
Tasmania (b)(c)	13.12	2.62	2.36	0.98	11.54	1.01	0.12	1
All items (excl. motor vehicles, parts, petrol, etc.) —								
New South Wales (b)(c)	11.10	2.15	2.11	0.62	10.19	1.02	0.09	1
Victoria (b)(c)	10.24	2.26	2.16	0.48	9.32	1.03	0.09	1
Queensland (b)(c)	9.35	2.41	2.39	0.35	7.39	1.03	0.08	1
South Australia (b)(c)	9.59	2.23	2.15	0.62	8.49	0.99	0.11	1
Western Australia (b)(c)	9.76	2.67	2.56	0.72	8.19	1.00	0.12	1
Tasmania (b)(c)	10.54	2.22	2.15	0.54	9.82	1.02	0.08	1

For footnotes see end of table.

APPENDIX C - *continued*TABLE 5. STATE SERIES - *continued*

Average percentage change without regard to sign:

Series description	From month to month * in the					Trading -day adjust- ment	From year to year in the seasonal factors	M. C. D. †			
	Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors						
<b>MOTOR VEHICLE REGISTRATIONS -</b>											
Registrations of New Motor Vehicles -											
Cars and station wagons -											
New South Wales	11.79	6.44	1.51	6.18	7.20	5.75	0.57	5			
Victoria	12.52	6.62	1.61	6.25	8.73	7.01	0.43	5			
Queensland	13.47	9.91	1.18	9.80	6.00	8.33	0.69	6			
South Australia	12.94	7.89	2.29	7.39	8.44	6.07	0.51	5			
Western Australia	11.08	7.26	1.83	7.04	6.17	5.93	0.44	5			
Tasmania	16.09	9.11	1.05	8.90	11.27	7.50	0.72	6			
Other vehicles -											
New South Wales	13.60	6.81	1.68	6.37	10.28	6.13	0.38	5			
Victoria	13.69	7.18	1.69	6.67	9.77	6.99	0.38	5			
Queensland	15.00	10.81	2.00	10.47	8.03	7.49	0.65	6			
South Australia	14.48	8.55	2.26	8.15	10.90	5.35	0.45	4			
Western Australia	12.04	7.80	1.70	7.46	8.16	6.11	0.48	5			
Tasmania	17.16	12.70	1.31	12.46	8.90	8.07	0.82	6			
Total (d) -											
New South Wales	11.80	5.98	1.27	5.69	7.67	5.80	0.52	6			
Victoria	12.43	6.21	1.41	5.93	8.85	7.00	0.40	5			
Queensland	13.22	9.63	1.16	9.50	6.28	7.99	0.63	6			
South Australia	12.49	7.08	2.01	6.54	8.62	5.86	0.46	5			
Western Australia	10.61	6.40	1.48	6.12	6.14	5.97	0.43	5			
Tasmania	15.11	8.12	0.97	7.95	10.32	7.52	0.64	6			
<b>BUILDING -</b>											
Building Approvals -											
Number of new dwellings approved -											
New South Wales (c)	11.91	8.92	1.95	8.60	7.81	6.09	0.48	5			
Victoria (c)	16.76	8.12	1.85	7.74	12.64	7.72	0.45	5			
Queensland (c)	14.76	8.85	2.05	8.45	11.02	5.27	0.45	5			
Building Commenced -											
Number of new dwellings commenced -											
New South Wales	6.73	5.99	3.80	3.88	4.03	..	0.38	2			
Victoria	8.46	6.54	4.14	5.07	4.89	..	0.50	2			
Queensland	9.90	7.23	4.22	4.66	6.11	..	0.43	2			
South Australia	10.07	7.89	4.43	5.72	6.07	..	0.63	2			
Western Australia	12.23	9.16	6.08	6.39	7.74	..	0.60	2			
Tasmania	13.32	11.27	5.45	7.96	5.62	..	0.90	2			

For footnotes see end of table.

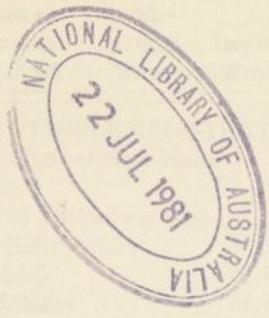
APPENDIX C - *continued*TABLE 5. STATE SERIES - *continued**Average percentage change without regard to sign:*

Series description	From month to month * in the					From year to year in the seasonal factors		M. C. D. †		
	Original series	Seasonally adjusted series		Trend series	Irregular series	Seasonal factors	Trading-day adjustment			
<b>BUILDING - <i>continued</i></b>										
<b>Building Under Construction -</b>										
Number of new dwellings under construction -										
New South Wales	4.25	3.65	3.38	0.91	2.56	..	0.17	1		
Victoria	4.95	3.56	3.42	1.06	3.15	..	0.12	1		
Queensland	7.73	5.01	4.03	2.10	5.35	..	0.27	1		
South Australia	5.26	4.34	4.05	1.86	3.64	..	0.22	1		
Western Australia	8.14	7.09	6.63	2.31	3.65	..	0.18	1		
Tasmania	5.57	4.23	2.87	2.32	4.04	..	0.27	1		
<b>Building Completed -</b>										
Number of new dwellings completed -										
New South Wales	9.44	4.06	2.66	2.43	8.37	..	0.34	1		
Victoria	13.04	4.26	2.72	2.66	12.21	..	0.37	1		
Queensland	9.65	5.21	2.94	3.47	7.90	..	0.50	2		
South Australia	12.30	6.11	3.22	4.86	10.06	..	0.46	2		
Western Australia	11.45	7.51	5.04	4.32	8.81	..	0.63	1		
Tasmania	15.67	8.16	4.37	6.15	14.28	..	0.67	2		

\* From quarter to quarter in quarterly series; from half-year to half-year in half-yearly series.

† Q.C.D. for quarterly series; half-years for cyclical dominance for half-yearly series.

- (a) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation, other than a simple weekly pattern. (For further details, see Appendix B.)
- (b) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities. (For further details, see Appendix B.)
- (c) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.
- (d) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.





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